A cartoon illustration of a young girl with brown hair and a blue headband, sitting on a green field. She is surrounded by large, colorful geometric shapes: a blue cross, a green cube, and a yellow star. The background shows some green foliage and a blue sky.

MATHEMATICS FOR PRIMARY THREE SECOND TERM

PREPARED BY
Mr. MAHMOUD MOHEB



1	1	1	1	1	1	1	1	1	1	1	1
× 1	× 2	× 3	× 4	× 5	× 6	× 7	× 8	× 9	× 10	× 11	× 12
1	2	3	4	5	6	7	8	9	10	11	12

2	2	2	2	2	2	2	2	2	2	2	2
× 2	× 3	× 4	× 5	× 6	× 7	× 8	× 9	× 10	× 11	× 12	× 12
4	6	8	10	12	14	16	18	20	22	24	24

3	3	3	3	3	3	3	3	3	3	3	3
× 3	× 4	× 5	× 6	× 7	× 8	× 9	× 10	× 11	× 12	× 12	× 12
9	12	15	18	21	24	27	30	33	36	36	36

4	4	4	4	4	4	4	4	4	4	4	4
× 4	× 5	× 6	× 7	× 8	× 9	× 10	× 11	× 12	× 12	× 12	× 12
16	20	24	28	32	36	40	44	48	48	48	48

5	5	5	5	5	5	5	5	5	5	5	5
× 5	× 6	× 7	× 8	× 9	× 10	× 11	× 12	× 12	× 12	× 12	× 12
25	30	35	40	45	50	55	60	60	60	60	60

6	6	6	6	6	6	6	6	6	6	6	6
× 6	× 7	× 8	× 9	× 10	× 11	× 12	× 12	× 12	× 12	× 12	× 12
36	42	48	54	60	66	72	72	72	72	72	72

7	7	7	7	7	7	7	7	7	7	7	7
× 7	× 8	× 9	× 10	× 11	× 12	× 12	× 12	× 12	× 12	× 12	× 12
49	56	63	70	77	84	84	84	84	84	84	84

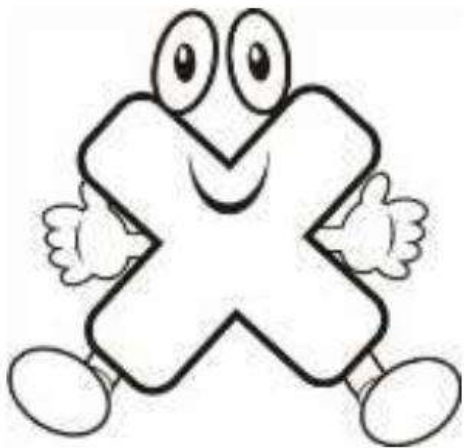
8	8	8	8	8	8	8	8	8	8	8	8
× 8	× 9	× 10	× 11	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12
64	72	80	88	96	96	96	96	96	96	96	96

9	9	9	9	9	9	9	9	9	9	9	9
× 9	× 10	× 11	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12
81	90	99	108	108	108	108	108	108	108	108	108

10	10	10	10	10	10	10	10	10	10	10	10
× 10	× 11	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12
100	110	120	120	120	120	120	120	120	120	120	120

11	11	11	11	11	11	11	11	11	11	11	11
× 11	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12
121	132	132	132	132	132	132	132	132	132	132	132

12	12	12	12	12	12	12	12	12	12	12	12
× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12	× 12
144	144	144	144	144	144	144	144	144	144	144	144

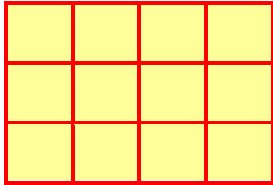




Sheet One

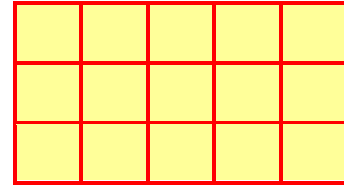
[1] CONNECT

Find the **area** and the **perimeter**:



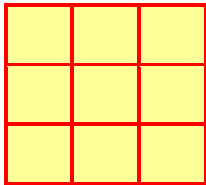
The **area** = square units

The **perimeter** = units



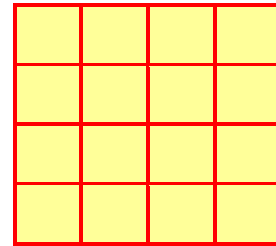
The **area** = square units

The **perimeter** = units



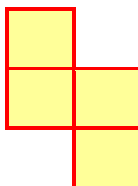
The **area** = square units

The **perimeter** = units



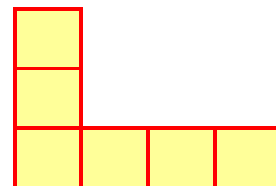
The **area** = square units

The **perimeter** = units



The **area** = square units

The **perimeter** = units



The **area** = square units

The **perimeter** = units

[2] Associative Property

Complete:

$$4 \times (5 \times 2) = \dots \times \dots = \dots$$

$$(4 \times 5) \times 2 = \dots \times \dots = \dots$$

$$2 \times (5 \times 6) = \dots \times \dots = \dots$$

$$(2 \times 5) \times 6 = \dots \times \dots = \dots$$

$$2 \times (3 \times 4) = \dots \times \dots = \dots$$

$$(2 \times 3) \times 4 = \dots \times \dots = \dots$$



Complete:

$$(2 \times 5) \times 9 = 2 \times (5 \times \dots)$$

$$(3 \times 4) \times 7 = 3 \times (4 \times \dots)$$

$$(\dots \times 7) \times 2 = 5 \times (7 \times 2)$$

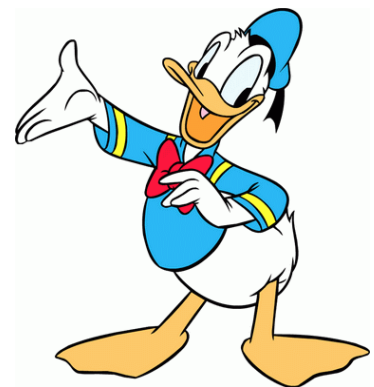
$$(4 \times 6) \times 8 = 4 \times (\dots \times 8)$$

$$(9 \times \dots) \times 3 = 9 \times (5 \times 3)$$

$$(4 \times \dots) \times 7 = 4 \times (5 \times \dots)$$

$$(2 \times 5) \times \dots = 2 \times (\dots \times 9)$$

$$(3 \times \dots) \times 2 = \dots \times (8 \times 2)$$



Find the product in two ways:

$$2 \times 10 \times 3$$

$$(2 \times 10) \times 3$$

$$= 20 \times 3$$

$$= 60$$

$$2 \times (10 \times 3)$$

$$= 2 \times 30$$

$$= 60$$

$$2 \times 20 \times 3$$

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$$10 \times 3 \times 7$$

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$$5 \times 2 \times 3$$

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$$3 \times 10 \times 5$$

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$$3 \times 6 \times 10$$

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$$5 \times 10 \times 7$$

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$$2 \times 7 \times 10$$

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Circle the equations that have the same value:

A	$(9 \times 2) \times 5$	$9 \times (2 \times 5)$	11×5	9×10
B	$(4 \times 10) \times 3$	4×30	$4 \times (10 \times 3)$	4×13
C	$9 \times (3 \times 5)$	9×15	9×8	$9 \times (3 \times 5)$
D	$(10 \times 10) \times 4$	10×14	100×4	40×10
E	36×15	$(4 \times 9) \times 15$	$(3 \times 8) \times 15$	$36 \times (3 \times 5)$
F	$(5 \times 2) \times 8$	5×10	$5 \times (2 \times 8)$	10×8

Put the suitable sign (<), (>) or (=):

A	$(6 \times 5) \times 8$	<input type="text"/>	$6 \times (5 \times 8)$
B	18×13	<input type="text"/>	$(2 \times 6) \times 13$
C	$(15 \times 4) \times 11$	<input type="text"/>	$15 \times (4 \times 11)$
D	$(25 \times 10) \times 4$	<input type="text"/>	25×40
E	$(9 \times 2) \times 5$	<input type="text"/>	135
F	$(3 \times 5) \times 6$	<input type="text"/>	90
G	$(7 \times 3) \times 5$	<input type="text"/>	24×5



Circle: agree (👍) or disagree (👎)

A	$(6 \times 5) \times 8$	=	30×8	👍	👎
B	18×13	>	$(3 \times 6) \times 13$	👍	👎
C	$(15 \times 4) \times 11$	<	$15 \times (4 \times 11)$	👍	👎
D	$(25 \times 10) \times 4$	=	25×40	👍	👎
E	$(9 \times 2) \times 5$	<	135	👍	👎
F	$(3 \times 5) \times 6$	=	90	👍	👎
G	$(7 \times 3) \times 5$	<	24×5	👍	👎

A Kamal bought 2 boxes filled with bags of apples. Each box had 3 bags with 5 apples. How many apples did Kamal buy?



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B Hoda bought 4 boxes filled with bags of mangos. Each box had 5 bags with 7 kilograms of mangos. How many kilograms of mango did Hoda buy?



.....

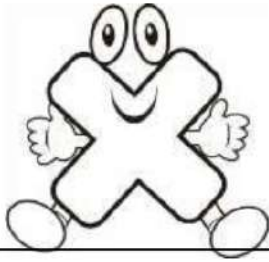
C Alaa bought 2 boxes filled with bags of ballons in her birthday. Each box had 6 bags with 10 ballons. How many ballons did Alaa buy?



.....

Name:

Mark:



MULTIPLICACIONES

$1 \times 3 = \square$

$1 \times 5 = \square$

$1 \times 4 = \square$

$1 \times 6 = \square$

$1 \times 0 = \square$

$1 \times 7 = \square$

$1 \times 2 = \square$

$1 \times 1 = \square$

$1 \times 9 = \square$

$2 \times 6 = \square$

$2 \times 8 = \square$

$2 \times 5 = \square$

$2 \times 3 = \square$

$2 \times 1 = \square$

$2 \times 0 = \square$

$2 \times 4 = \square$

$2 \times 7 = \square$

$2 \times 2 = \square$

$1 \times 8 = \square$

$2 \times 5 = \square$

$2 \times 7 = \square$

$2 \times 4 = \square$

$1 \times 9 = \square$

$1 \times 6 = \square$

$2 \times 3 = \square$

$2 \times 1 = \square$

$1 \times 4 = \square$

$2 \times 2 = \square$

$2 \times 6 = \square$

$1 \times 7 = \square$

$1 \times 5 = \square$

$1 \times 3 = \square$

$2 \times 8 = \square$

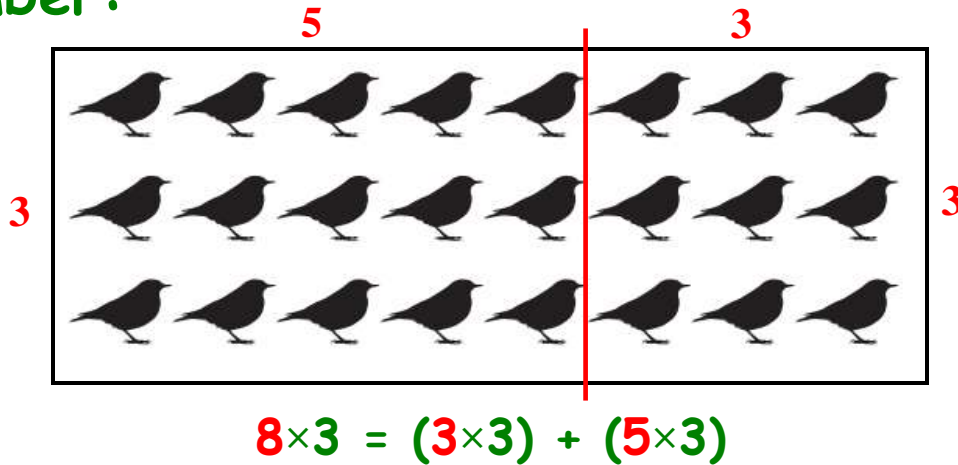
$1 \times 2 = \square$

$1 \times 1 = \square$

$2 \times 9 = \square$

[3] Distribution Property

Remember:



Example:

$$\begin{aligned} 8 \times 13 &= 8 \times (10 + 3) \\ &= (8 \times 10) + (8 \times 3) \\ &= 80 + 24 \\ &= 104 \end{aligned}$$



Complete:

$$\begin{aligned} 6 \times 12 &= 6 \times (10 + \dots) \\ &= (6 \times \dots) + (6 \times \dots) \\ &= \dots + \dots \\ &= \dots \end{aligned}$$



$$\begin{aligned}
 9 \times 15 &= 9 \times (\dots\dots\dots + \dots\dots\dots) \\
 &= (9 \times \dots\dots\dots) + (9 \times \dots\dots\dots) \\
 &= \dots\dots\dots + \dots\dots\dots \\
 &= \dots\dots\dots
 \end{aligned}$$

$$\begin{aligned}
 4 \times 17 &= 4 \times (10 + \dots\dots\dots) \\
 &= (4 \times \dots\dots\dots) + (4 \times \dots\dots\dots) \\
 &= \dots\dots\dots + \dots\dots\dots \\
 &= \dots\dots\dots
 \end{aligned}$$



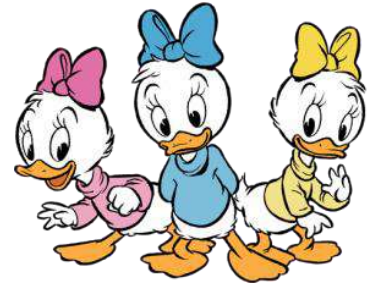
$$\begin{aligned}
 5 \times 18 &= 5 \times (\dots\dots\dots + \dots\dots\dots) \\
 &= (5 \times \dots\dots\dots) + (5 \times \dots\dots\dots) \\
 &= \dots\dots\dots + \dots\dots\dots \\
 &= \dots\dots\dots
 \end{aligned}$$

$$\begin{aligned}
 6 \times 14 &= 6 \times (\dots\dots\dots + \dots\dots\dots) \\
 &= (6 \times \dots\dots\dots) + (6 \times \dots\dots\dots) \\
 &= \dots\dots\dots + \dots\dots\dots \\
 &= \dots\dots\dots
 \end{aligned}$$

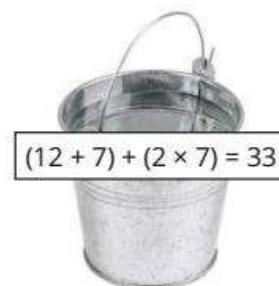
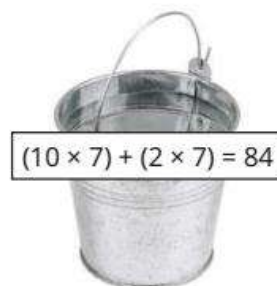
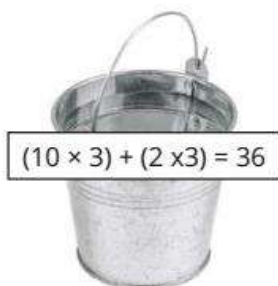
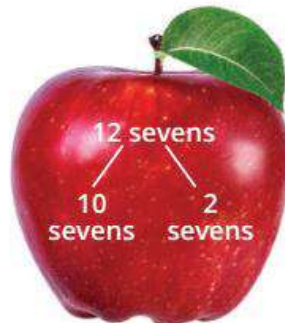


$$\begin{aligned}
 3 \times 15 &= 3 \times (10 + \dots\dots\dots) \\
 &= (3 \times \dots\dots\dots) + (3 \times \dots\dots\dots) \\
 &= \dots\dots\dots + \dots\dots\dots \\
 &= \dots\dots\dots
 \end{aligned}$$

$$\begin{aligned}
 4 \times 9 &= 4 \times (\dots\dots\dots + \dots\dots\dots) \\
 &= (4 \times \dots\dots\dots) + (4 \times \dots\dots\dots) \\
 &= \dots\dots\dots + \dots\dots\dots \\
 &= \dots\dots\dots
 \end{aligned}$$

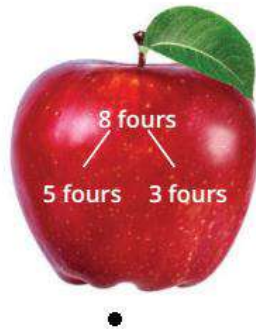


Hossam went to the apple orchard. There were 12 apple trees, and each tree had 7 apples. How many apples were there in all at the orchard?

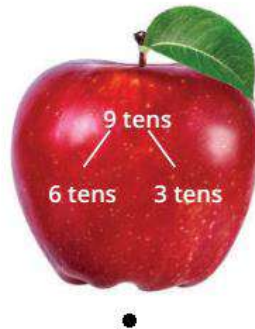


Now look at each equation and the apple below it. Draw a line to match each apple with the pail that shows the equation that correctly uses the Distributive Property to solve the problem.

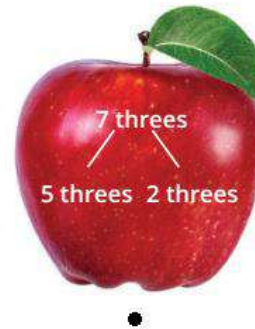
$8 \times 4 =$



$9 \times 10 =$



$7 \times 3 =$



$(5 \times 3) + (2 \times 3) = 21$

$(5 \times 4) + (3 \times 4) = 32$

$(6 \times 10) + (3 \times 10) = 90$

7×2

7 twos

5 twos 2 twos

11×5

11 fives

9 fives 2 fives

7×10

7 tens

2 tens 5 tens

$(2 \times 5) + (9 \times 5) = 55$

$(5 \times 10) + (2 \times 10) = 70$

$(5 \times 2) + (2 \times 2) = 14$

Circle the equations that have the same value:



A	5×9	$(5 \times 2) + (5 \times 5)$	$(5 \times 2) + (5 \times 7)$	$(5 \times 3) + (5 \times 6)$
B	$7 \times (4 + 5)$	$(7 \times 4) + (7 \times 5)$	$28 + 35$	$7 \times 4 \times 5$
C	$(5 \times 3) + (5 \times 7)$	5×10	5×11	$5 \times (3 + 7)$
D	12×9	9×12	$(9 \times 2) + (9 \times 10)$	$12 + 9$



Circle: agree (👍) or disagree (👎):



A	$9 \times (7 + 3) = (9 \times 7) + (9 \times 3)$	👍	👎
B	$(3 \times 10) \times 4 = 200$	👍	👎
C	$2 \times (5 + 7) = (2 \times 5) + (2 \times 7)$	👍	👎
D	$(5 \times 2) \times 7 = 10 \times 7$	👍	👎
E	$(7 \times 2) \times 5 = 7 \times 10$	👍	👎
F	$(3 \times 5) = (3 \times 2) + (3 \times 4)$	👍	👎
G	$4 \times (3 \times 12) = (4 \times 3) \times 12$	👍	👎
H	$(8 \times 2) + (8 \times 5) = 8 \times 7$	👍	👎



[4] Estimating the Product

Estimate the product and then find the actual solution:



5×19		Acceptable	Not-Acceptable
Estimation	Actual		
			

8×12		Acceptable	Not-Acceptable
Estimation	Actual		
			



5×11		Acceptable	Not-Acceptable
Estimation	Actual		
			

5×18		Acceptable	Not-Acceptable
Estimation	Actual		
			

Dalia had 8 baskets, each basket held 6 eggs. How many eggs did Dalia have in all?

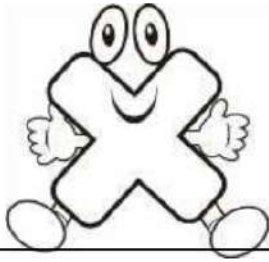
8×17		Acceptable	Not-Acceptable
Estimation	Actual		
			

Amir had 4 boxes. In each box there were 3 dolls, and each doll had 2 buttons on its shirt. How many buttons were there?

4×14		Acceptable	Not-Acceptable
Estimation	Actual		
			

Name:

Mark:



MULTIPLICACIONES

$2 \times 3 = \square$

$2 \times 5 = \square$

$2 \times 4 = \square$

$2 \times 6 = \square$

$2 \times 0 = \square$

$2 \times 7 = \square$

$2 \times 2 = \square$

$2 \times 1 = \square$

$2 \times 9 = \square$

$5 \times 6 = \square$

$5 \times 8 = \square$

$5 \times 5 = \square$

$5 \times 3 = \square$

$5 \times 1 = \square$

$5 \times 0 = \square$

$5 \times 4 = \square$

$5 \times 7 = \square$

$5 \times 2 = \square$

$2 \times 8 = \square$

$5 \times 5 = \square$

$5 \times 7 = \square$

$5 \times 4 = \square$

$2 \times 9 = \square$

$2 \times 6 = \square$

$5 \times 3 = \square$

$5 \times 1 = \square$

$2 \times 4 = \square$

$5 \times 2 = \square$

$5 \times 6 = \square$

$2 \times 7 = \square$

$2 \times 5 = \square$

$2 \times 3 = \square$

$5 \times 8 = \square$

$2 \times 2 = \square$

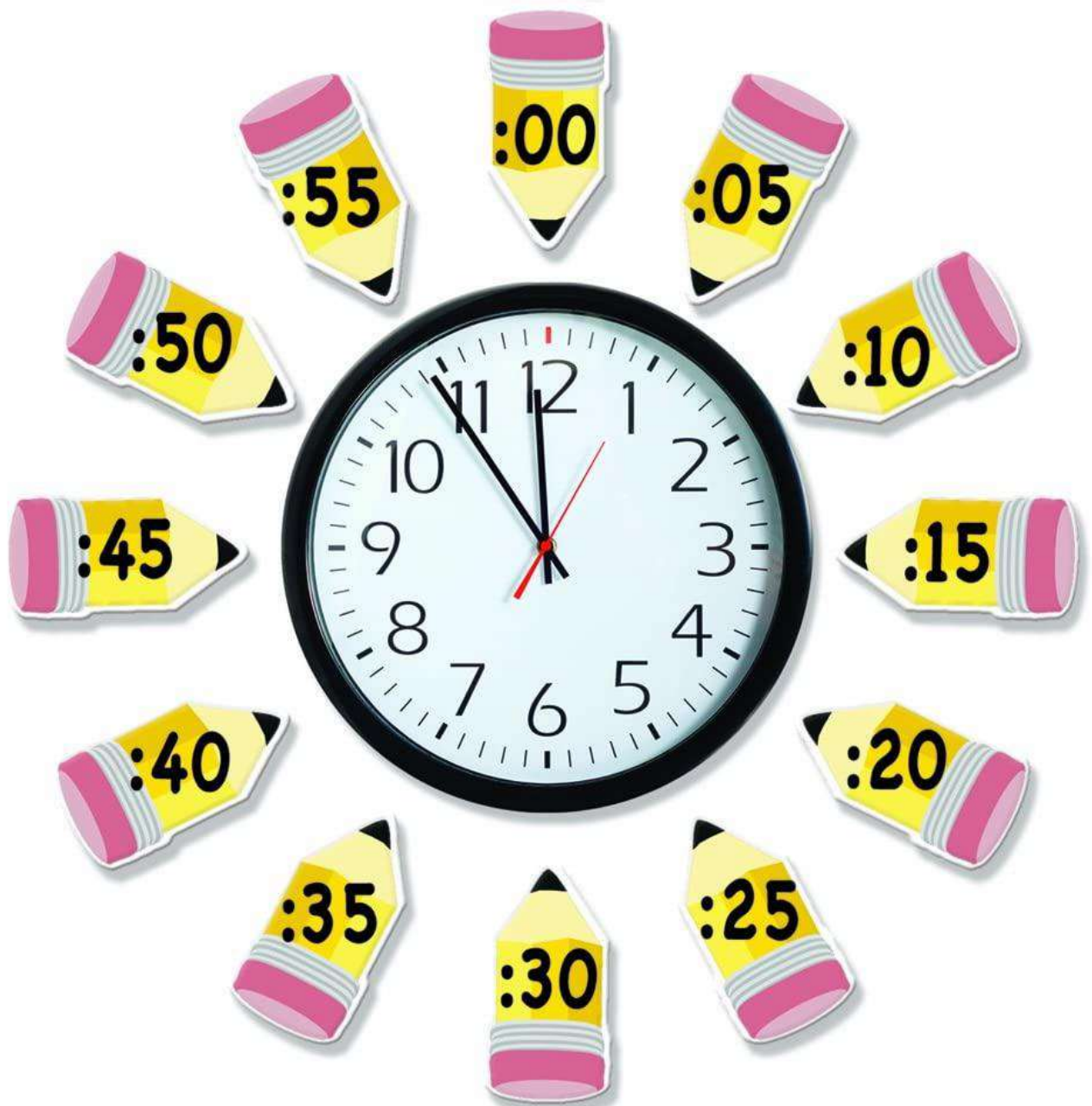
$2 \times 1 = \square$

$5 \times 9 = \square$



Sheet Two

[1] Telling Time



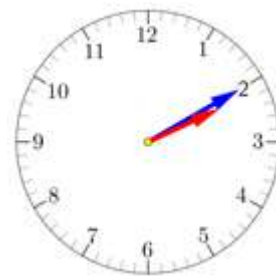
Write the time:



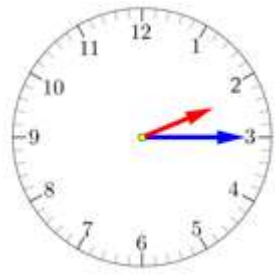
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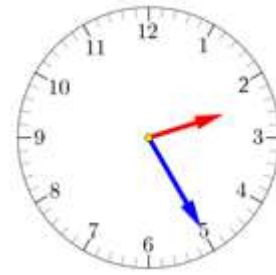
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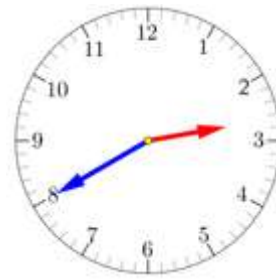
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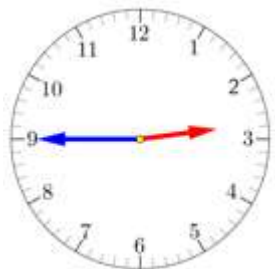
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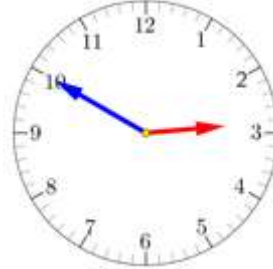
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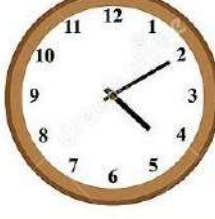


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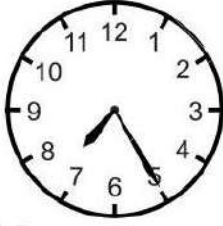


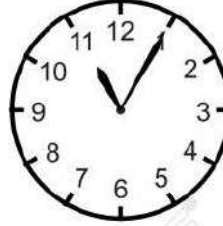


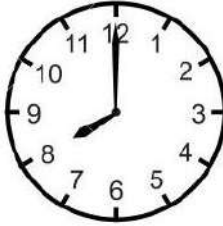





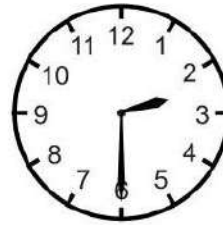


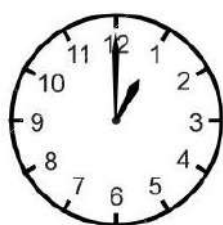


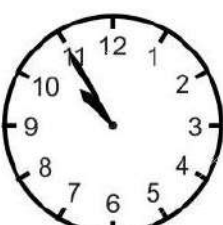


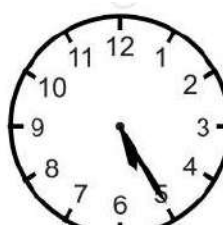


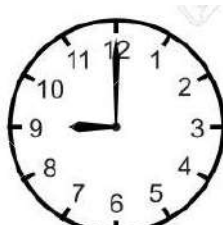


Choose the correct answer:

A	 <p> <input type="radio"/> 04:30 <input type="radio"/> 03:20 <input type="radio"/> 03:40 </p>	B	 <p> <input type="radio"/> 08:05 <input type="radio"/> 08:10 <input type="radio"/> 01:40 </p>
C	 <p> <input type="radio"/> 02:30 <input type="radio"/> 06:10 <input type="radio"/> 01:30 </p>	D	 <p> <input type="radio"/> 11:25 <input type="radio"/> 11:50 <input type="radio"/> 05:55 </p>
E	 <p> <input type="radio"/> 07:45 <input type="radio"/> 09:35 <input type="radio"/> 06:45 </p>	F	 <p> <input type="radio"/> 06:25 <input type="radio"/> 07:35 <input type="radio"/> 05:35 </p>
G	 <p> <input type="radio"/> 03:45 <input type="radio"/> 02:40 <input type="radio"/> 08:15 </p>	H	 <p> <input type="radio"/> 10:30 <input type="radio"/> 03:45 <input type="radio"/> 10:15 </p>
I	 <p> <input type="radio"/> 09:50 <input type="radio"/> 11:50 <input type="radio"/> 09:55 </p>	J	 <p> <input type="radio"/> 02:40 <input type="radio"/> 04:20 <input type="radio"/> 04:10 </p>

Write the time:

 <p>..... :</p>	 <p>..... :</p>	 <p>..... :</p>
 <p>..... :</p>	 <p>..... :</p>	 <p>..... :</p>
 <p>..... :</p>	 <p>..... :</p>	 <p>..... :</p>
 <p>..... :</p>	 <p>..... :</p>	 <p>..... :</p>

Circle: agree (👍) or disagree (👎):

 7 : 25  	 11 : 10  	 8 : 00  
 12 : 25  	 3 : 30  	 1 : 00  
 10 : 55  	 5 : 25  	 9 : 12  

[2] Relation between Multiplication and Division

Read the following problems carefully and then answer:

A teacher wants to divide 20 pupils into 2 equal sets. How many pupils in each set?



.....

Hoda distributed 30 candies equally among 6 friends. How many candies each of them took?



.....

A farmer picked 21 flowers and put them equally in 7 baskets. How many flowers in each basket?



.....

A mother distributed 36 oranges in 9 plates. How many oranges in each plate?



.....

A father distributed 60 pounds equally among his five sons. What is the share of each son?



.....

Complete the fact family in each of the following group:

2 , 6 , 12

$$2 \times \dots = 12$$

$$6 \times \dots = 12$$

$$12 \div \dots = 6$$

$$\dots \div 6 = 2$$

5 , 9 , 45

$$5 \times \dots = 45$$

$$9 \times \dots = 45$$

$$45 \div \dots = 9$$

$$\dots \div 9 = 5$$



7 , 8 , 56

$$7 \times \dots = 56$$

$$8 \times \dots = 56$$

$$56 \div \dots = 7$$

$$\dots \div 8 = 7$$

4 , 10 , 40

$$4 \times \dots = 40$$

$$10 \times \dots = 40$$

$$40 \div \dots = 4$$

$$\dots \div 4 = 10$$



3 , 5 , 15

$$3 \times \dots = 15$$

$$5 \times \dots = 15$$

$$15 \div \dots = 3$$

$$\dots \div 3 = 5$$

5 , 7 , 35

$$5 \times \dots = 35$$

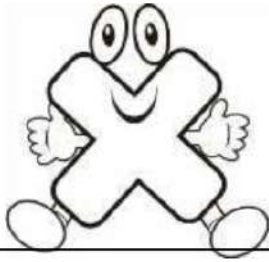
$$7 \times \dots = 35$$

$$35 \div \dots = 7$$

$$\dots \div 5 = 7$$

Name:

Mark:



MULTIPLICACIONES

$3 \times 3 = \square$

$3 \times 5 = \square$

$3 \times 4 = \square$

$3 \times 6 = \square$

$3 \times 0 = \square$

$3 \times 7 = \square$

$3 \times 2 = \square$

$3 \times 1 = \square$

$3 \times 9 = \square$

$2 \times 7 = \square$

$2 \times 3 = \square$

$2 \times 4 = \square$

$2 \times 8 = \square$

$2 \times 2 = \square$

$2 \times 1 = \square$

$2 \times 5 = \square$

$2 \times 6 = \square$

$2 \times 0 = \square$

$2 \times 8 = \square$

$3 \times 5 = \square$

$2 \times 7 = \square$

$2 \times 4 = \square$

$2 \times 9 = \square$

$3 \times 6 = \square$

$3 \times 3 = \square$

$3 \times 1 = \square$

$3 \times 4 = \square$

$2 \times 2 = \square$

$2 \times 6 = \square$

$3 \times 7 = \square$

$2 \times 5 = \square$

$2 \times 3 = \square$

$3 \times 8 = \square$

$3 \times 2 = \square$

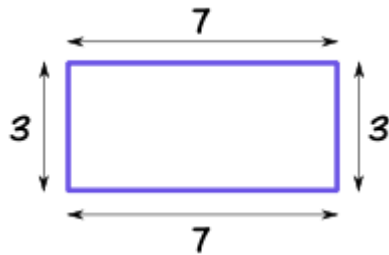
$3 \times 1 = \square$

$3 \times 9 = \square$

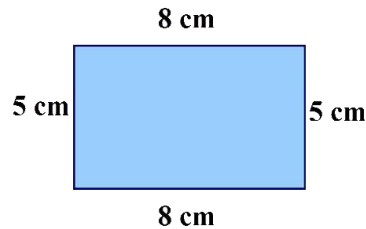
[3] The Perimeter

The perimeter of any polygon is the sum of its sides' lengths

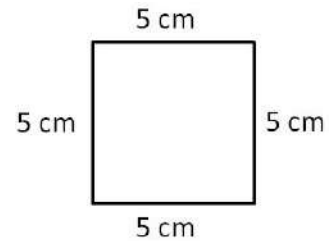
Find the perimeter of the following shapes:



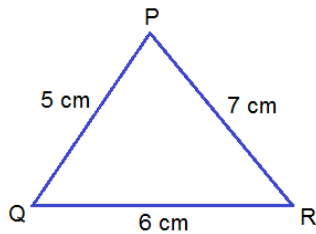
Perimeter = cm



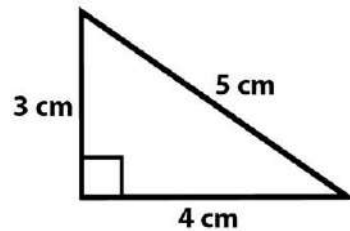
Perimeter = cm



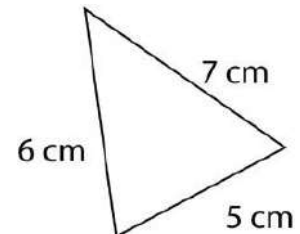
Perimeter = cm



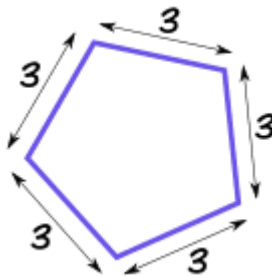
Perimeter = cm



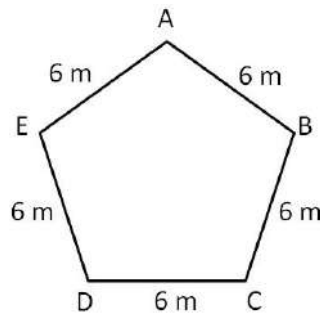
Perimeter = cm



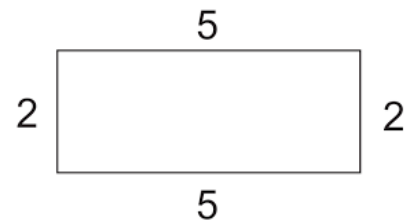
Perimeter = cm



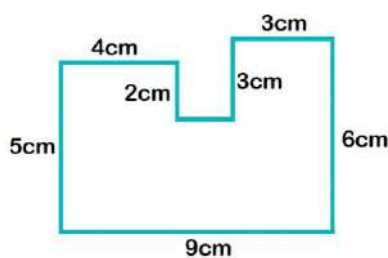
Perimeter = cm



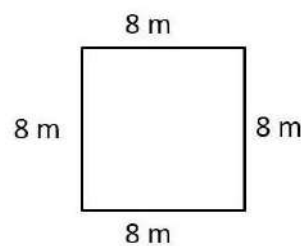
Perimeter = m



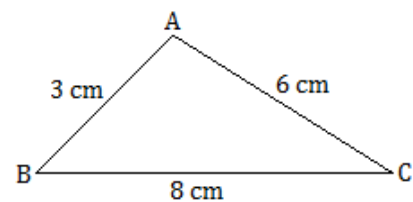
Perimeter = cm



Perimeter = cm











Perimeter = m


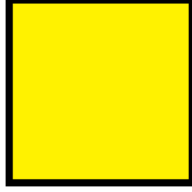
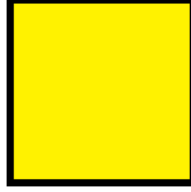
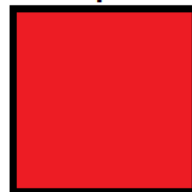
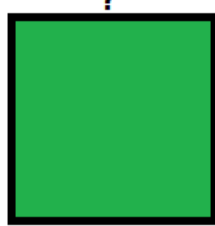


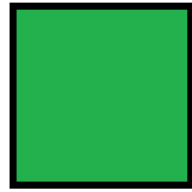


Perimeter = cm

Find the length of the side marked by (?):

<p>Perimeter = 16 cm</p> <p>5 cm</p>  <p>?</p>	<p>Perimeter = 20 cm</p> <p>6 cm</p>  <p>?</p>
<p>Perimeter = 12 cm</p> <p>?</p>  <p>2 cm</p>	<p>Perimeter = 10 cm</p> <p>?</p>  <p>2 cm</p>
<p>Perimeter = 20 cm</p> <p>?</p>  <p>3 cm</p>	<p>Perimeter = 24 cm</p> <p>8 cm</p>  <p>?</p>
<p>Perimeter = 18 cm</p> <p>7 cm</p>  <p>?</p>	<p>Perimeter = 14 cm</p> <p>4 cm</p>  <p>?</p>

Find the length of the side marked by (?):

<p>Perimeter = 20 cm</p> <p>.....</p> 	<p>Perimeter = 12 cm</p> <p>.....</p> 
<p>Perimeter = 16 cm</p> <p>.....</p> 	<p>Perimeter = 24 cm</p> <p>.....</p> 
<p>Perimeter = 8 cm</p> <p>.....</p> 	<p>Perimeter = 28 cm</p> <p>.....</p> 
<p>Perimeter = 36 cm</p> <p>.....</p> 	<p>Perimeter = 40 cm</p> <p>.....</p> 

[4] Story Problems of Two Steps

Ali saves L.E. 20 weekly, in the fourth week he saves L.E. 10 only. How much money did he save?



.....

.....

Miss Salma orders 3 packs. Each pack has 6 markers. She gave 1 marker to each student in her class, she has 2 left. How many students in the class?



.....

.....

Bassem buys a box containing 18 pieces of fruits. The box includes an equal number of figs, bananas and oranges. He ate all the figs. How many pieces of fruits did he have left?



.....

.....

Laila buys 24 seeds. She has 5 pots. She want to plant 3 seeds in each pot. How many more pots does Laila need to plant all seeds?



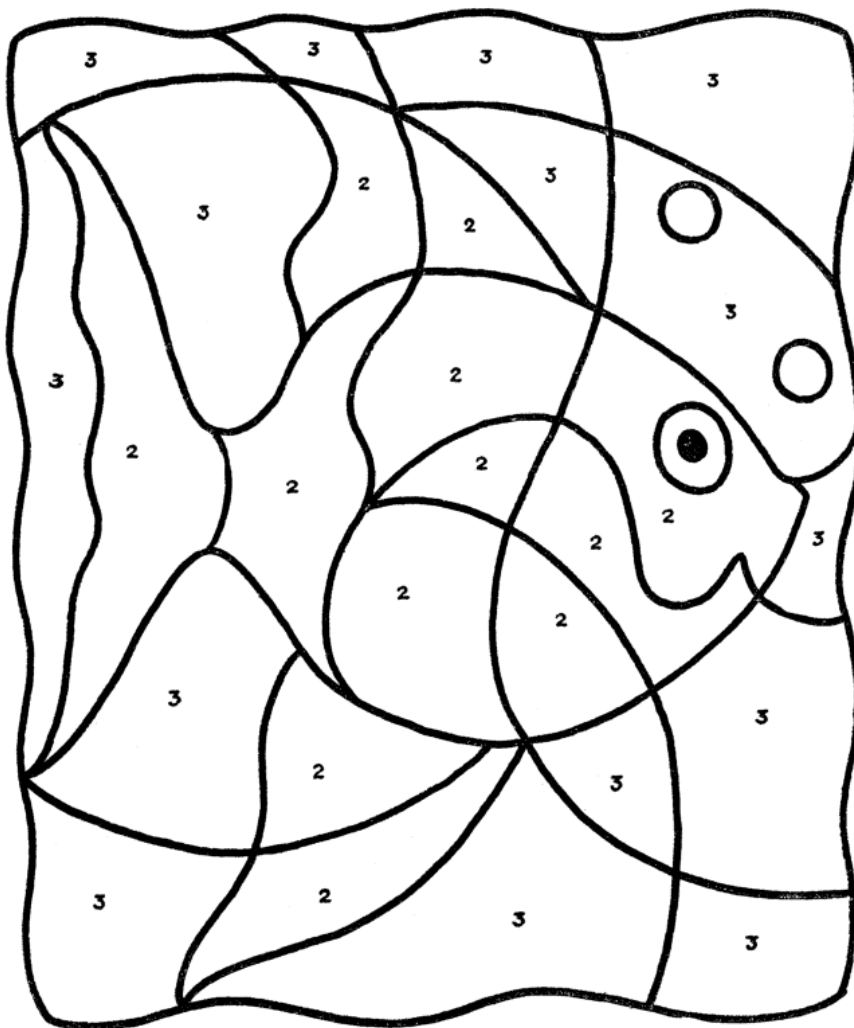
.....

.....

Complete:

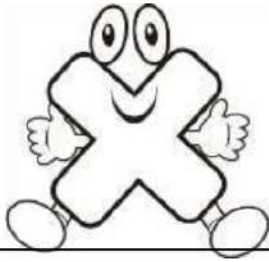
$(3 \times 2) \times \dots = 36$	$(8 \times 3) \times \dots = 48$
$2 \times (5 \times \dots) = 50$	$7 \times (12 \times \dots) = 0$
$(5 \times 3) \times \dots = 30$	$10 \times (6 \times \dots) = 600$
$(9 \times 7) \times \dots = 63$	$(4 \times 2) \times \dots = 88$

COLOR THE 2'S RED — COLOR THE 3'S BLUE



Name:

Mark:



MULTIPLICACIONES

$3 \times 3 = \square$

$3 \times 5 = \square$

$3 \times 4 = \square$

$3 \times 6 = \square$

$3 \times 0 = \square$

$3 \times 7 = \square$

$3 \times 2 = \square$

$3 \times 1 = \square$

$3 \times 9 = \square$

$5 \times 7 = \square$

$5 \times 3 = \square$

$5 \times 4 = \square$

$5 \times 8 = \square$

$5 \times 2 = \square$

$5 \times 1 = \square$

$5 \times 5 = \square$

$5 \times 6 = \square$

$5 \times 0 = \square$

$5 \times 8 = \square$

$3 \times 5 = \square$

$5 \times 7 = \square$

$5 \times 4 = \square$

$5 \times 9 = \square$

$5 \times 6 = \square$

$3 \times 3 = \square$

$5 \times 1 = \square$

$3 \times 4 = \square$

$5 \times 2 = \square$

$3 \times 6 = \square$

$3 \times 7 = \square$

$5 \times 5 = \square$

$5 \times 3 = \square$

$5 \times 8 = \square$





$3 \times 2 = \square$

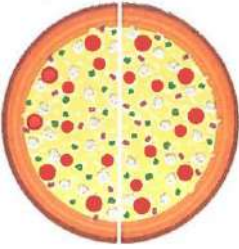
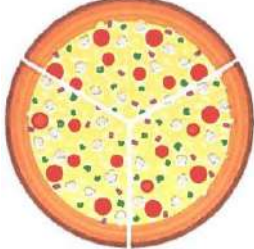
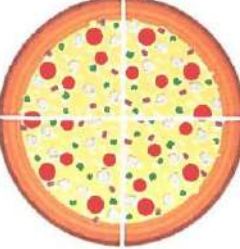
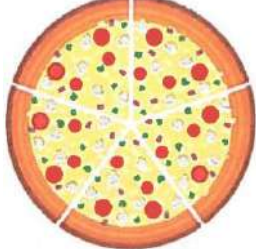
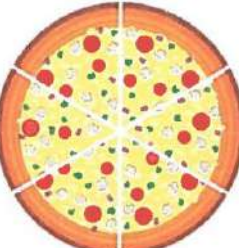
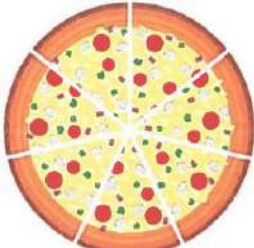

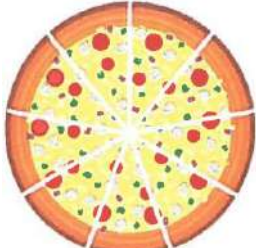
$3 \times 1 = \square$

$3 \times 9 = \square$

Sheet Three

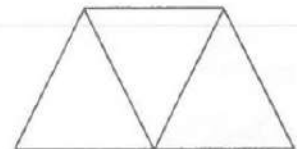
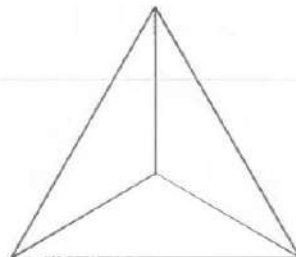
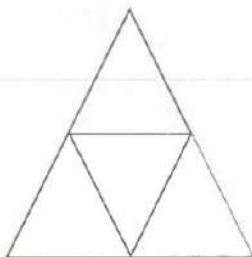
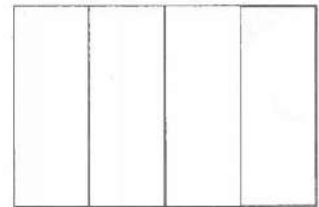
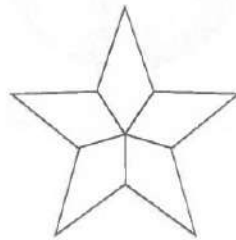
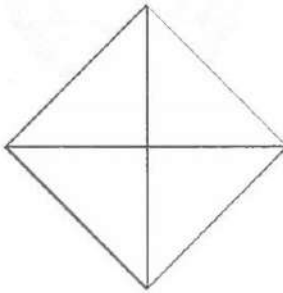
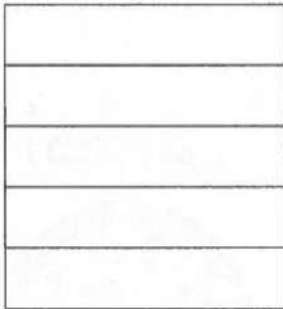
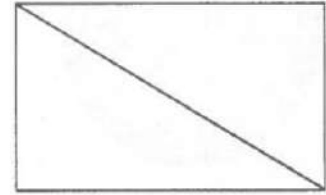
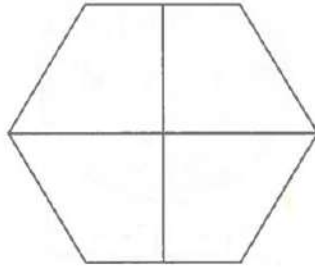
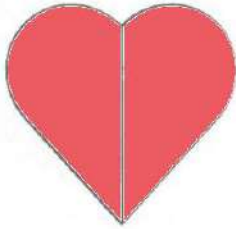
[1] Fractions

A	If 2 persons want to share a cookie fairly, circle the right image.	
B	If 3 persons want to share a cookie fairly, circle the right image.	
C	If 4 persons want to share a cookie fairly, circle the right image.	
D	Try to divide this cookie to share it fairly with 8 friends.	



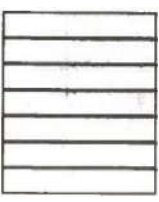
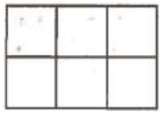
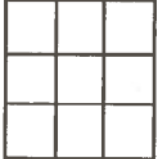
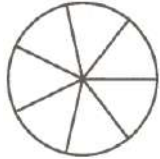
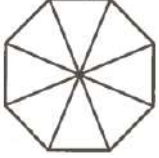
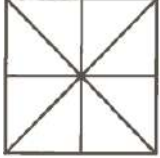
halves 	thirds 	fourths 	fifths 
sixths 	sevenths 	eighths 	ninths 



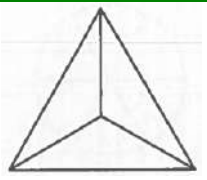
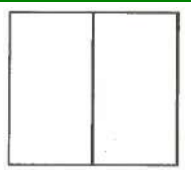
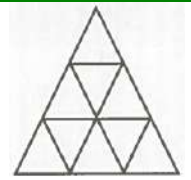
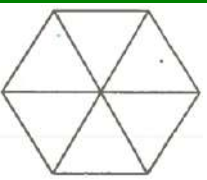
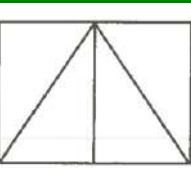
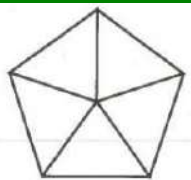
Color according to the key:



Join:

	● Sevenths ●	
	● Ninths ●	
	● Eighths ●	
	● Sixths ●	

Complete as the example:

 Thirds	.....	.....
		

Read, trace then write:

$\frac{1}{2}$ half	$\frac{1}{3}$ third	$\frac{1}{4}$ fourth	$\frac{1}{5}$ fifth
half	third	fourth	fifth
half	third	fourth	fifth
$\frac{1}{6}$ sixth	$\frac{1}{7}$ seventh	$\frac{1}{8}$ eighth	$\frac{1}{9}$ ninth
sixth	seventh	eighth	ninth
sixth	seventh	eighth	ninth


Divide each clock into fractional parts as shown:





Choose the correct answer:


A	$\frac{1}{8}$	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 12.5%; background-color: blue;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 12.5%; background-color: blue;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> </div>	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 12.5%; background-color: blue;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 12.5%; background-color: blue;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> <div style="width: 12.5%;"></div> </div>
B	$\frac{1}{5}$	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 20%;"></div> <div style="width: 20%; background-color: blue;"></div> <div style="width: 20%;"></div> <div style="width: 20%;"></div> <div style="width: 20%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 40%;"></div> <div style="width: 40%; background-color: blue;"></div> <div style="width: 20%;"></div> </div>	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 40%;"></div> <div style="width: 40%; background-color: blue;"></div> <div style="width: 20%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 40%;"></div> <div style="width: 40%; background-color: blue;"></div> <div style="width: 20%;"></div> </div>
C	$\frac{1}{2}$	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 50%; background-color: blue;"></div> <div style="width: 50%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 50%; background-color: blue;"></div> <div style="width: 50%;"></div> </div>	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 33.3%; background-color: blue;"></div> <div style="width: 33.3%;"></div> <div style="width: 33.3%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 33.3%; background-color: blue;"></div> <div style="width: 33.3%;"></div> <div style="width: 33.3%;"></div> </div>
D	$\frac{1}{9}$	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%; background-color: blue;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 11.1%;"></div> <div style="width: 11.1%; background-color: blue;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> </div>	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 11.1%; background-color: blue;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 11.1%; background-color: blue;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> <div style="width: 11.1%;"></div> </div>
E	$\frac{1}{6}$	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%; background-color: blue;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 16.6%; background-color: blue;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> </div>	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 16.6%; background-color: blue;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 16.6%; background-color: blue;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> <div style="width: 16.6%;"></div> </div>
F	$\frac{1}{3}$	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 33.3%; background-color: blue;"></div> <div style="width: 33.3%;"></div> <div style="width: 33.3%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 33.3%; background-color: blue;"></div> <div style="width: 33.3%;"></div> <div style="width: 33.3%;"></div> </div>	<div style="display: flex; border: 1px solid red; height: 20px; margin-bottom: 2px;"> <div style="width: 33.3%; background-color: blue;"></div> <div style="width: 33.3%;"></div> <div style="width: 33.3%;"></div> </div> <div style="display: flex; border: 1px solid red; height: 20px;"> <div style="width: 33.3%; background-color: blue;"></div> <div style="width: 33.3%;"></div> <div style="width: 33.3%;"></div> </div>


Write the fraction:


				
$\frac{\dots}{\dots}$				


					
$\frac{\dots}{\dots}$					


				
$\frac{\dots}{\dots}$				


		
$\frac{\dots}{\dots}$		

			
$\frac{\dots}{\dots}$			

					
$\frac{\dots}{\dots}$					

							
$\frac{\dots}{\dots}$							

							
$\frac{\dots}{\dots}$							

							
$\frac{\dots}{\dots}$							

Write the fraction:



Seventh
$\frac{\dots}{\dots}$

Eighth
$\frac{\dots}{\dots}$

Sixth
$\frac{\dots}{\dots}$

Third
$\frac{\dots}{\dots}$

Fifth
$\frac{\dots}{\dots}$

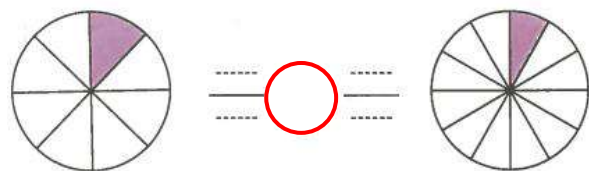
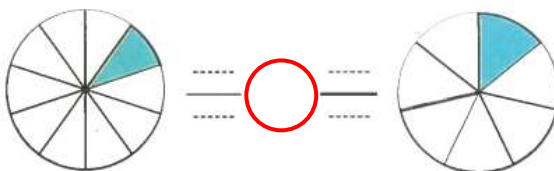
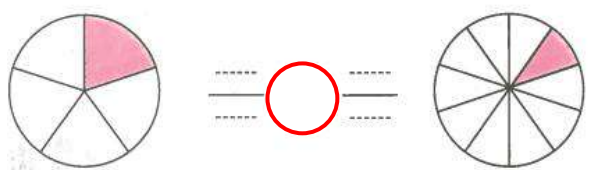
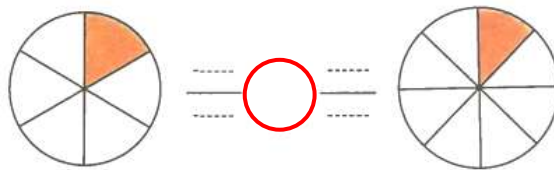
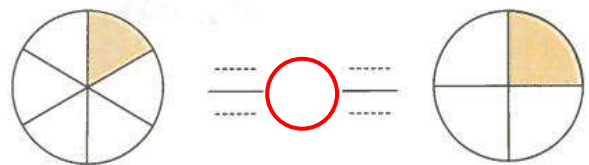
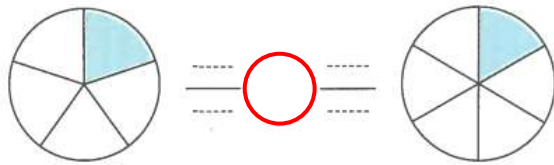
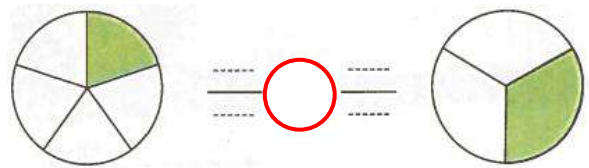
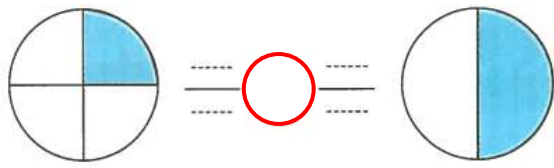
Ninth
$\frac{\dots}{\dots}$

Fourth
$\frac{\dots}{\dots}$

Half
$\frac{\dots}{\dots}$

Tenth
$\frac{\dots}{\dots}$

Write the fraction, then put (>), (<) or (=):



Circle the greater:

$\frac{1}{5}$	$\frac{1}{2}$	$\frac{1}{3}$	1	$\frac{1}{4}$	$\frac{1}{7}$
$\frac{1}{10}$	$\frac{1}{8}$	$\frac{1}{6}$	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{6}$
1	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{1}{7}$	$\frac{1}{2}$	1
$\frac{1}{9}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{1}{5}$	$\frac{1}{6}$



Circle the smaller:

$\frac{1}{7}$	1	$\frac{1}{5}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{6}$
$\frac{1}{9}$	$\frac{1}{3}$	$\frac{1}{11}$	$\frac{1}{8}$	$\frac{1}{12}$	$\frac{1}{10}$
$\frac{1}{4}$	$\frac{1}{5}$	1	$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{7}$
$\frac{1}{2}$	$\frac{1}{3}$	$\frac{1}{11}$	$\frac{1}{12}$	$\frac{1}{7}$	$\frac{1}{10}$

Put (>) or (<):

A	$\frac{1}{2}$	\dots	$\frac{1}{3}$	E	$\frac{1}{10}$	\dots	$\frac{1}{3}$
B	$\frac{1}{10}$	\dots	$\frac{1}{7}$	F	$\frac{1}{7}$	\dots	$\frac{1}{2}$
C	$\frac{1}{2}$	\dots	$\frac{1}{7}$	G	$\frac{1}{2}$	\dots	$\frac{1}{4}$
D	$\frac{1}{2}$	\dots	1	H	$\frac{1}{9}$	\dots	$\frac{1}{4}$

Circle: agree (👍) or disagree (👎):

A	$\frac{1}{2}$	$<$	$\frac{1}{3}$		
B	$\frac{1}{7}$	$>$	$\frac{1}{10}$		
C	$\frac{1}{2}$	$<$	$\frac{1}{7}$		
D	$\frac{1}{2}$	$>$	1		

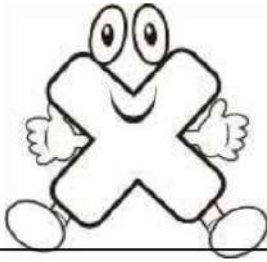
➡ Rania needs $\frac{1}{3}$ L of oil and $\frac{1}{4}$ L of water to make batch of muffins. Will Rania use more oil or more water?

➡ Ashraf needs to cut some wood for a project. He needs $\frac{1}{8}$ of a meter for the top and $\frac{1}{6}$ of a meter for the base. Which piece of wood will be larger?

➡ Your friend Walid says that $\frac{1}{6}$ is greater than $\frac{1}{5}$ because 6 is greater than 5. Is Walid correct?

Name:

Mark:



MULTIPLICACIONES

$4 \times 3 = \square$

$4 \times 5 = \square$

$4 \times 4 = \square$

$4 \times 6 = \square$

$4 \times 0 = \square$

$4 \times 7 = \square$

$4 \times 2 = \square$

$4 \times 1 = \square$

$4 \times 9 = \square$

$3 \times 7 = \square$

$3 \times 3 = \square$

$3 \times 4 = \square$

$3 \times 8 = \square$

$3 \times 2 = \square$

$3 \times 1 = \square$

$3 \times 5 = \square$

$3 \times 6 = \square$

$3 \times 0 = \square$

$3 \times 8 = \square$

$4 \times 5 = \square$

$3 \times 7 = \square$

$3 \times 4 = \square$

$3 \times 9 = \square$

$3 \times 6 = \square$

$4 \times 3 = \square$

$3 \times 1 = \square$

$4 \times 4 = \square$

$3 \times 2 = \square$

$4 \times 6 = \square$

$4 \times 7 = \square$

$3 \times 5 = \square$

$3 \times 3 = \square$

$3 \times 8 = \square$

$4 \times 2 = \square$






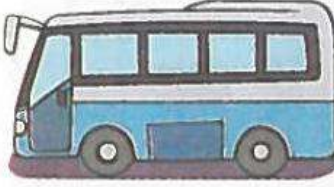






$4 \times 1 = \square$

$4 \times 9 = \square$

Sheet Four

[1] CONNECT

Choose the suitable unit:

		
gram / kilogram	gram / kilogram	gram / kilogram
		
gram / kilogram	gram / kilogram	gram / kilogram
		
gram / kilogram	gram / kilogram	gram / kilogram
		
gram / kilogram	gram / kilogram	gram / kilogram

[2] Fraction as a Part of a Set



How many apples are in the set?

What is the fraction of the set are **red**?



How many animals are in the set?

What is the fraction of the set are **cats**?



How many objects are in the set?

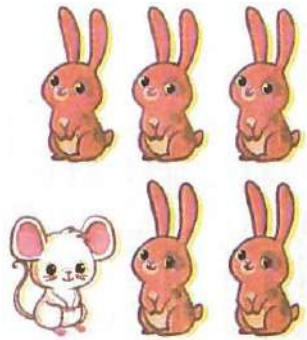
What is the fraction of the set are **keys**?



How many objects are in the set?

What is the fraction of the set are **rockets**?

What is the fraction of the set are **airplanes**?



How many animals are in the set?

What is the fraction of the set are **mice**?

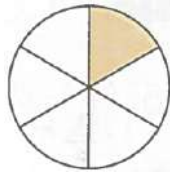


Laila picked 8 flowers for her mom. One of them was pink and the rest were red. What is the fraction of the set were pink?

How many flowers were in the set?

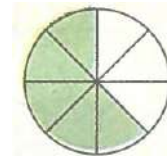
What is the fraction of the set were **pink**?

Discover the mistake and then correct it:



The shaded part is $\frac{1}{5}$

The correction:



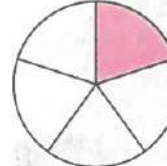
The shaded part is $\frac{4}{8}$

The correction:



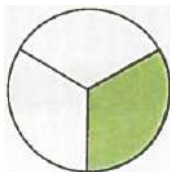
The shaded part is $\frac{5}{6}$

The correction:



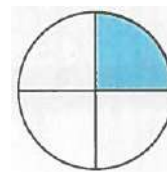
The shaded part is $\frac{1}{4}$

The correction:



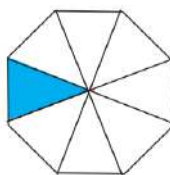
The shaded part is $\frac{1}{2}$

The correction:



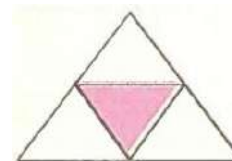
The shaded part is $\frac{1}{3}$

The correction:



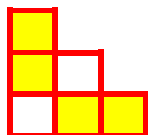
The shaded part is $\frac{7}{8}$

The correction:



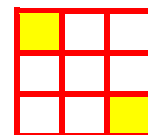
The shaded part is $\frac{3}{4}$

The correction:



The shaded part is $\frac{2}{7}$

The correction:



The shaded part is $\frac{2}{7}$

The correction:



A.



B.

- ➔ Kamal likes to eat a lot of pie. His friend told him he could have $\frac{1}{2}$ of a pie (A) or $\frac{1}{2}$ of a pie (B). Which pie should Kamal choose if he wants to eat a lot of pie?



- ➔ Ali has 8 candies and Ahmed has 12 candies. Each of them ate $\frac{1}{2}$ of his candies.
Which of them ate more?



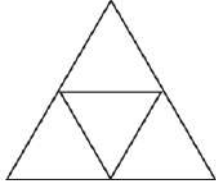


- ➔ Hoda and Mona donated with half of what they had, Hoda had L.E. 100 and Mona had L.E. 50.
Which of them donated less?

Circle the correct answer:

1. Which is longer: half of lunch time **or** half of Saturday?
2. Which is longer: half of a minute **or** half of an hour?
3. Which is more: half of an orange **or** half of a watermelon?
4. Which is more: half of a cookie **or** half of a cake?
5. Which is more: half of glass of water **or** half of swimming pool?
6. Which is more: half of a liter **or** half of a milliliter?

Read the directions for each shape. Then, answer the question:

A	Label the unit fractions for this rectangle. How many halves make one whole?	
B	Label the unit fractions for this circle. How many thirds make one whole?	
C	Label the unit fractions for this triangle. How many fourths make one whole?	

Complete:

$1 = \frac{\dots}{2}$	$1 = \frac{\dots}{7}$	$1 = \frac{8}{\dots} = \frac{\dots}{9}$
$\frac{12}{12} = \dots$	$\frac{11}{11} = \frac{7}{7} = \dots$	$\frac{5}{\dots} = 1 = \frac{\dots}{3}$

Answer the questions:

- ① How many **halves** in the whole one?
- ② How many **fourths** in the whole one?
- ③ How many **sevenths** in the whole one?
- ④ How many **thirds** in the whole one?
- ⑤ How many **ninths** in the whole one?
- ⑥ How many **eighths** in the whole one?
- ⑦ How many **sixths** in the whole one?
- ⑧ How many **fifths** in the whole one?
- ⑨ How many **tenths** in the whole one?
- ⑩ How many **elevenths** in the whole one?

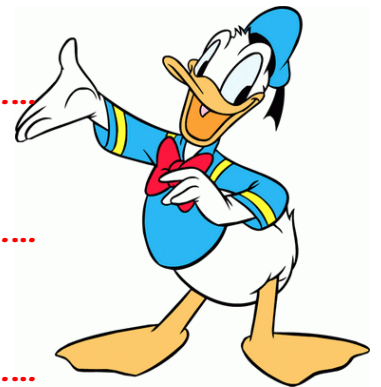
Find the quotient:



$40 \div 5 = \dots\dots$	$81 \div 9 = \dots\dots$	$24 \div 4 = \dots\dots$
$36 \div 6 = \dots\dots$	$21 \div 3 = \dots\dots$	$18 \div 3 = \dots\dots$
$12 \div 6 = \dots\dots$	$25 \div 5 = \dots\dots$	$80 \div 8 = \dots\dots$
$49 \div 7 = \dots\dots$	$90 \div 9 = \dots\dots$	$56 \div 8 = \dots\dots$
$10 \div 2 = \dots\dots$	$60 \div 6 = \dots\dots$	$22 \div 2 = \dots\dots$

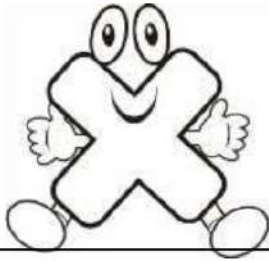
1. What is the **third** of 18 candies?
2. What is the **half** of 20 balloons?
3. What is the **fourth** of 16 pupils?
4. What is the **sixth** of 30 books?
5. What is the **ninth** of 18 marbles?
6. What is the **third** of 24 fish?
7. What is the **sixth** of 18 eggs?

1. What is the $\frac{1}{2}$ of 18?
2. What is the $\frac{1}{4}$ of 20?
3. What is the $\frac{1}{7}$ of 21?
4. What is the $\frac{1}{3}$ of 15?
5. What is the $\frac{1}{6}$ of 24?
6. What is the $\frac{1}{9}$ of 72?
7. What is the $\frac{1}{8}$ of 16?



Name:

Mark:



MULTIPLICACIONES

$2 \times 3 = \square$

$2 \times 5 = \square$

$2 \times 4 = \square$

$2 \times 6 = \square$

$2 \times 0 = \square$

$2 \times 7 = \square$

$2 \times 2 = \square$

$2 \times 1 = \square$

$2 \times 9 = \square$

$4 \times 7 = \square$

$4 \times 3 = \square$

$4 \times 4 = \square$

$4 \times 8 = \square$

$4 \times 2 = \square$

$4 \times 1 = \square$

$4 \times 5 = \square$

$4 \times 6 = \square$

$4 \times 0 = \square$

$4 \times 8 = \square$

$2 \times 5 = \square$

$4 \times 7 = \square$

$4 \times 4 = \square$

$4 \times 9 = \square$

$4 \times 6 = \square$

$2 \times 3 = \square$

$4 \times 1 = \square$

$2 \times 4 = \square$

$4 \times 2 = \square$

$2 \times 6 = \square$

$2 \times 7 = \square$

$4 \times 5 = \square$

$4 \times 3 = \square$

$4 \times 8 = \square$

$2 \times 2 = \square$

$2 \times 1 = \square$

$2 \times 9 = \square$

[3] Fractions in our Life

$\frac{1}{4}$ of an hour = 15 minutes $\frac{1}{3}$ of an hour = 20 minutes

$\frac{1}{2}$ of an hour = 30 minutes $\frac{3}{4}$ of an hour = 45 minutes

1. Mona spends $\frac{3}{4}$ of an hour for preparing a cake and she puts it in the oven for $\frac{1}{4}$ of an hour. How many minutes needed for making the cake?
-

2. Omnia walks $\frac{1}{3}$ of an hour and runs $\frac{1}{4}$ of an hour daily. How many minutes does Omnia take for practicing sport daily?
-



Which do you prefer?

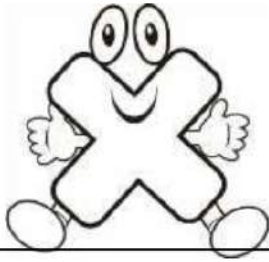
A	$\frac{1}{3}$ or $\frac{1}{4}$ of a chocolate bar?	.....
B	$\frac{1}{2}$ or $\frac{1}{4}$ of a pizza?	.....
C	$\frac{1}{8}$ or $\frac{1}{6}$ of a bottle of juice?	.....
D	$\frac{1}{4}$ or $\frac{1}{6}$ of a bag of candy?	.....
E	$\frac{1}{6}$ or $\frac{1}{10}$ of a watermelon?	.....

Arrange from smallest to greatest:

A	$\frac{1}{3}$, $\frac{1}{5}$, $\frac{1}{6}$	The order is: , ,
B	$\frac{1}{2}$, $\frac{1}{8}$, $\frac{1}{4}$	The order is: , ,
C	$\frac{1}{12}$, $\frac{1}{7}$, $\frac{1}{10}$	The order is: , ,
D	$\frac{1}{9}$, $\frac{1}{3}$, $\frac{1}{6}$	The order is: , ,
E	$\frac{1}{4}$, $\frac{1}{8}$, $\frac{1}{5}$	The order is: , ,

Name:

Mark:



MULTIPLICACIONES

$4 \times 7 = \square$

$4 \times 3 = \square$

$4 \times 4 = \square$

$4 \times 8 = \square$

$4 \times 2 = \square$

$4 \times 1 = \square$

$4 \times 5 = \square$

$4 \times 6 = \square$

$4 \times 0 = \square$

$5 \times 3 = \square$

$5 \times 5 = \square$

$5 \times 4 = \square$

$5 \times 6 = \square$

$5 \times 0 = \square$

$5 \times 7 = \square$

$5 \times 2 = \square$

$5 \times 1 = \square$

$5 \times 9 = \square$

$4 \times 2 = \square$

$5 \times 6 = \square$

$5 \times 7 = \square$

$4 \times 5 = \square$

$4 \times 3 = \square$

$4 \times 8 = \square$

$5 \times 2 = \square$

$5 \times 1 = \square$

$5 \times 9 = \square$

$4 \times 8 = \square$

$5 \times 5 = \square$

$4 \times 7 = \square$

$4 \times 4 = \square$

$4 \times 9 = \square$

$4 \times 6 = \square$

$5 \times 3 = \square$

$4 \times 1 = \square$

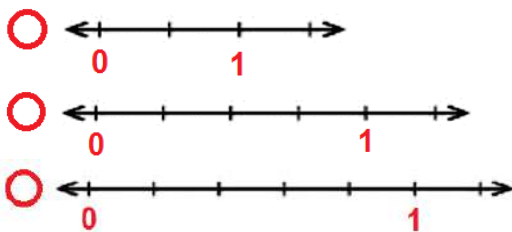
$5 \times 4 = \square$

Sheet Five

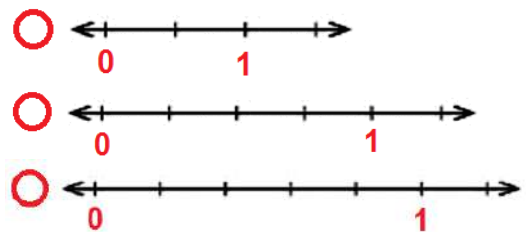
[1] Fractions on the Number Line

Choose the correct answer:

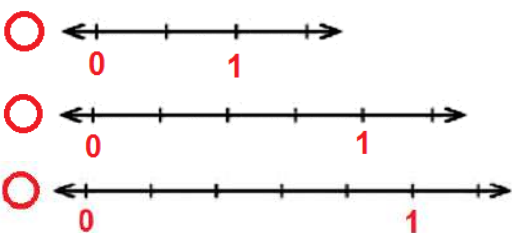
Ali divides the pizza into 5 equal parts and gives her sister one part.



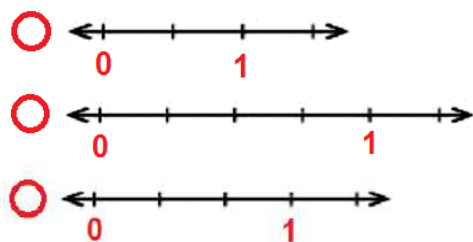
Ahmed drinks half liter of juice after he playing a match.



Rania walks $\frac{1}{4}$ km to the club with her friends.



Hany distributed a pie among his three friends.



Match:

Mona had a rope. She needed $\frac{1}{2}$ of it for a project.



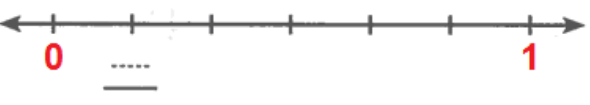
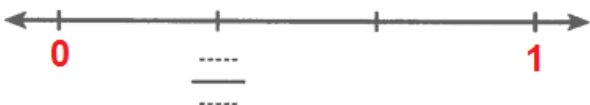
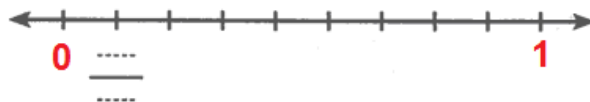
Omar had a meter of wood. He needed $\frac{1}{3}$ of the meter for a bird house.



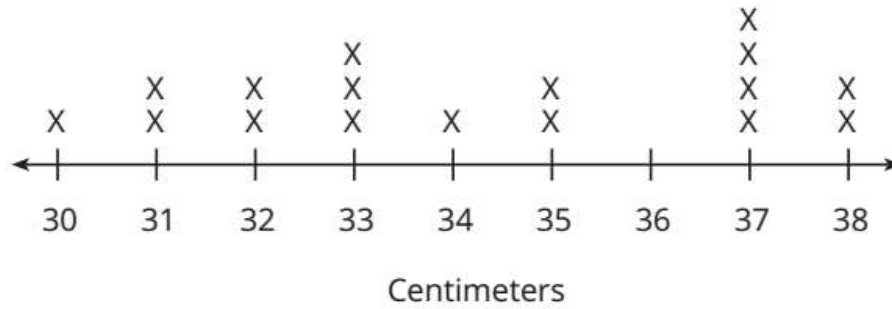
Sara was sewing beads onto a meter of ribbon. She wanted to sew a bead on each $\frac{1}{4}$ of the ribbon.



Write the fraction on the number line:



HEIGHTS STUDENTS JUMPED ABOVE GROUND



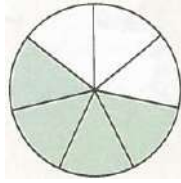
X = 1 student

Using the above line plots circle: agree (👍) or disagree (👎):

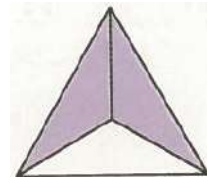
A	There are 1 student jumped 34 cm.	<input type="checkbox"/>	<input type="checkbox"/>
B	There are 5 students jumped lower than 32 cm.	<input type="checkbox"/>	<input type="checkbox"/>
C	There are 8 students jumped higher than 34 cm.	<input type="checkbox"/>	<input type="checkbox"/>
D	There are 2 students jumped 38 cm.	<input type="checkbox"/>	<input type="checkbox"/>
E	There are 4 students jumped higher than 37 cm.	<input type="checkbox"/>	<input type="checkbox"/>
F	There are 3 students jumped lower than 32 cm.	<input type="checkbox"/>	<input type="checkbox"/>
G	There are 2 students jumped 35 cm.	<input type="checkbox"/>	<input type="checkbox"/>
H	There are 9 students jumped higher than 33 cm	<input type="checkbox"/>	<input type="checkbox"/>

[2] Proper Fractions

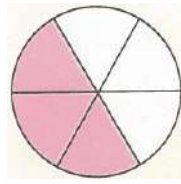
Complete as the example:



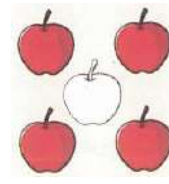
$\frac{4}{7}$ read as **four sevenths**



$\frac{2}{3}$ read as



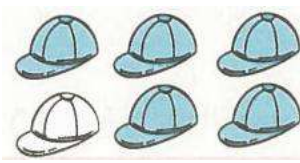
$\frac{\dots}{\dots}$ read as



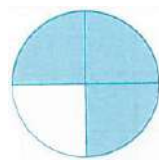
$\frac{\dots}{\dots}$ read as



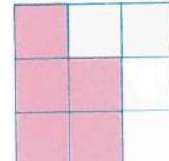
$\frac{\dots}{\dots}$ read as



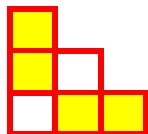
$\frac{\dots}{\dots}$ read as



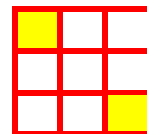
$\frac{\dots}{\dots}$ read as



$\frac{\dots}{\dots}$ read as



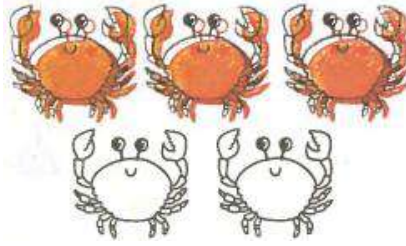
$\frac{\dots}{\dots}$ read as



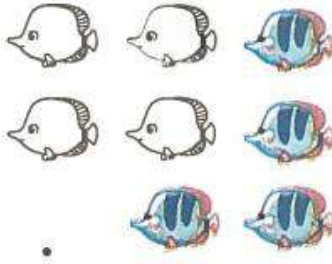
$\frac{\dots}{\dots}$ read as



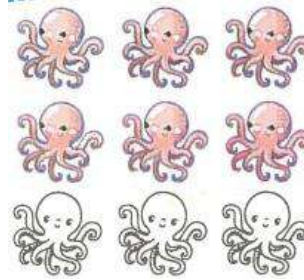
... read as ...



... read as ...



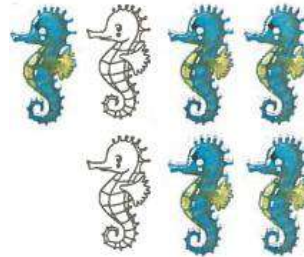
... read as ...



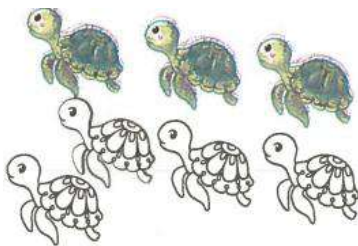
... read as ...



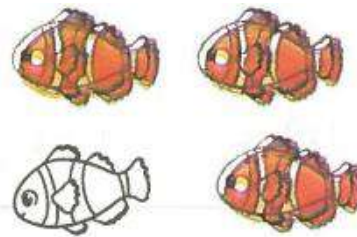
... read as ...



... read as ...



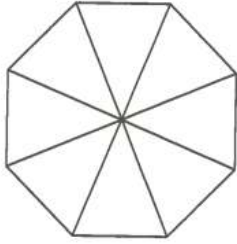
... read as ...



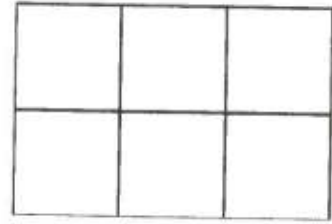
... read as ...

Color according to the fraction:

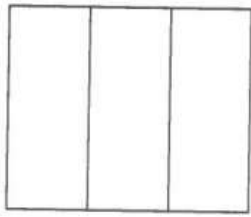
$$\frac{4}{8}$$



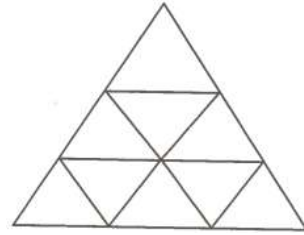
$$\frac{1}{6}$$



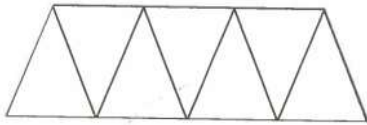
$$\frac{2}{3}$$



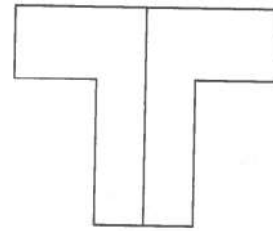
$$\frac{8}{9}$$



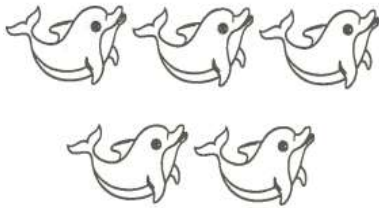
$$\frac{4}{7}$$



$$\frac{1}{2}$$



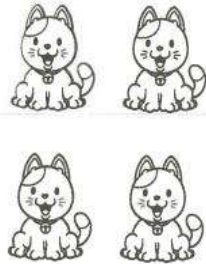
$$\frac{3}{5}$$



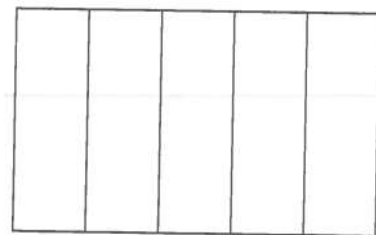
$$\frac{5}{8}$$



$$\frac{3}{4}$$



$$\frac{2}{5}$$

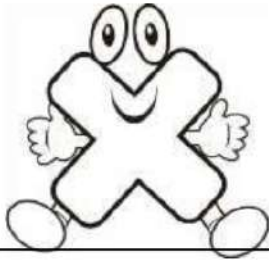


Write the fraction:



Name:

Mark:



MULTIPLICACIONES

$2 \times 7 = \square$

$2 \times 3 = \square$

$2 \times 4 = \square$

$2 \times 8 = \square$

$2 \times 2 = \square$

$2 \times 1 = \square$

$2 \times 5 = \square$

$2 \times 6 = \square$

$2 \times 0 = \square$

$6 \times 3 = \square$

$6 \times 5 = \square$

$6 \times 4 = \square$

$6 \times 6 = \square$

$6 \times 0 = \square$

$6 \times 7 = \square$

$6 \times 2 = \square$

$6 \times 1 = \square$

$6 \times 9 = \square$

$2 \times 2 = \square$

$6 \times 6 = \square$

$6 \times 7 = \square$

$2 \times 5 = \square$

$2 \times 3 = \square$

$2 \times 8 = \square$

$6 \times 2 = \square$

$6 \times 1 = \square$

$6 \times 9 = \square$

$2 \times 8 = \square$

$6 \times 5 = \square$

$2 \times 7 = \square$

$2 \times 4 = \square$

$2 \times 9 = \square$

$2 \times 6 = \square$

$6 \times 3 = \square$

$2 \times 1 = \square$

$6 \times 4 = \square$

[3] Comparing Fraction

Circle the greater:

$\frac{2}{5}$	$\frac{3}{5}$	$\frac{4}{7}$	$\frac{3}{7}$	$\frac{4}{5}$	$\frac{3}{5}$
$\frac{2}{10}$	$\frac{1}{10}$	$\frac{4}{9}$	$\frac{5}{9}$	$\frac{3}{11}$	$\frac{5}{11}$
$\frac{3}{8}$	$\frac{5}{8}$	$\frac{1}{6}$	$\frac{5}{6}$	$\frac{2}{7}$	$\frac{3}{7}$
$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{7}{12}$	$\frac{5}{12}$

Circle the smaller:

$\frac{2}{5}$	$\frac{3}{5}$	$\frac{4}{5}$	$\frac{3}{5}$	$\frac{4}{7}$	$\frac{3}{7}$
$\frac{2}{10}$	$\frac{1}{10}$	$\frac{3}{11}$	$\frac{5}{11}$	$\frac{4}{9}$	$\frac{5}{9}$
$\frac{3}{8}$	$\frac{5}{8}$	$\frac{2}{7}$	$\frac{3}{7}$	$\frac{1}{6}$	$\frac{5}{6}$
$\frac{1}{3}$	$\frac{2}{3}$	$\frac{7}{12}$	$\frac{5}{12}$	$\frac{1}{4}$	$\frac{3}{4}$

Put (>) or (<):

A	$\frac{4}{5}$	...	$\frac{3}{5}$	E	$\frac{2}{5}$	...	$\frac{3}{5}$
B	$\frac{3}{11}$	...	$\frac{5}{11}$	F	$\frac{2}{10}$	...	$\frac{1}{10}$
C	$\frac{2}{7}$	...	$\frac{3}{7}$	G	$\frac{3}{8}$	...	$\frac{5}{8}$
D	$\frac{7}{12}$	...	$\frac{5}{12}$	H	$\frac{1}{3}$	...	$\frac{2}{3}$

Circle: agree (👍) or disagree (👎):

A	$\frac{4}{7}$	<	$\frac{3}{7}$	👍	👎
B	$\frac{4}{9}$	>	$\frac{5}{9}$	👍	👎
C	$\frac{1}{6}$	<	$\frac{5}{6}$	👍	👎
D	$\frac{1}{4}$	>	$\frac{3}{4}$	👍	👎

Circle the greater:

$\frac{2}{7}$	$\frac{2}{5}$	$\frac{4}{7}$	$\frac{4}{9}$	$\frac{3}{8}$	$\frac{3}{5}$
$\frac{2}{10}$	$\frac{2}{11}$	$\frac{5}{7}$	$\frac{5}{9}$	$\frac{3}{11}$	$\frac{3}{4}$
$\frac{5}{8}$	$\frac{5}{6}$	$\frac{3}{7}$	$\frac{3}{5}$	$\frac{6}{7}$	$\frac{6}{11}$
$\frac{1}{3}$	$\frac{1}{8}$	$\frac{7}{9}$	$\frac{7}{10}$	$\frac{8}{9}$	$\frac{8}{11}$

Circle the smaller:

$\frac{2}{7}$	$\frac{2}{5}$	$\frac{4}{7}$	$\frac{4}{9}$	$\frac{3}{8}$	$\frac{3}{5}$
$\frac{5}{8}$	$\frac{5}{6}$	$\frac{3}{7}$	$\frac{3}{5}$	$\frac{6}{7}$	$\frac{6}{11}$
$\frac{1}{3}$	$\frac{1}{8}$	$\frac{7}{9}$	$\frac{7}{10}$	$\frac{8}{9}$	$\frac{8}{11}$
$\frac{2}{10}$	$\frac{2}{11}$	$\frac{5}{7}$	$\frac{5}{9}$	$\frac{3}{11}$	$\frac{3}{4}$

Put (>) or (<):

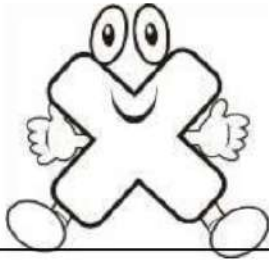
A	$\frac{2}{7}$	...	$\frac{2}{5}$	E	$\frac{3}{8}$	...	$\frac{3}{5}$
B	$\frac{5}{8}$	...	$\frac{5}{6}$	F	$\frac{3}{11}$	...	$\frac{3}{4}$
C	$\frac{1}{3}$	...	$\frac{1}{8}$	G	$\frac{6}{7}$	...	$\frac{6}{11}$
D	$\frac{2}{10}$	...	$\frac{2}{11}$	H	$\frac{8}{9}$	...	$\frac{8}{11}$

Circle: agree (👍) or disagree (👎):

A	$\frac{4}{7}$	<	$\frac{4}{9}$	👍	👎
B	$\frac{3}{7}$	>	$\frac{3}{5}$	👍	👎
C	$\frac{7}{9}$	<	$\frac{7}{10}$	👍	👎
D	$\frac{5}{7}$	>	$\frac{5}{9}$	👍	👎

Name:

Mark:



MULTIPLICACIONES

$6 \times 7 = \square$

$6 \times 3 = \square$

$6 \times 4 = \square$

$6 \times 8 = \square$

$6 \times 2 = \square$

$6 \times 1 = \square$

$6 \times 5 = \square$

$6 \times 6 = \square$

$6 \times 0 = \square$

$3 \times 3 = \square$

$3 \times 5 = \square$

$3 \times 4 = \square$

$3 \times 6 = \square$

$3 \times 0 = \square$

$3 \times 7 = \square$

$3 \times 2 = \square$

$3 \times 1 = \square$

$3 \times 9 = \square$

$6 \times 2 = \square$

$3 \times 6 = \square$

$3 \times 7 = \square$

$6 \times 5 = \square$

$6 \times 3 = \square$

$6 \times 8 = \square$

$6 \times 2 = \square$

$6 \times 1 = \square$

$3 \times 9 = \square$

$3 \times 8 = \square$

$6 \times 5 = \square$

$6 \times 7 = \square$

$3 \times 4 = \square$

$3 \times 9 = \square$

$6 \times 6 = \square$

$6 \times 3 = \square$

$3 \times 1 = \square$

$3 \times 4 = \square$

Sheet Six

[1] CONNECT

Order from least to greatest:

432	342	443	324
-----	-----	-----	-----

_____ ; _____ ; _____ ; _____

10,245	11,123	2,451	10,001
--------	--------	-------	--------

_____ ; _____ ; _____ ; _____



Order from greatest to least:

999	90	199	991
-----	----	-----	-----

_____ ; _____ ; _____ ; _____

89,001	90,002	90,020	8,999
--------	--------	--------	-------

_____ ; _____ ; _____ ; _____



[2] Adding and Subtracting Fractions

Add:



A. $\frac{1}{4} + \frac{2}{4} = \frac{\dots}{\dots}$



B. $\frac{1}{8} + \frac{5}{8} = \frac{\dots}{\dots}$



C. $\frac{3}{9} + \frac{4}{9} = \frac{\dots}{\dots}$



D. $\frac{5}{10} + \frac{2}{10} = \frac{\dots}{\dots}$



E. $\frac{4}{6} + \frac{1}{6} = \frac{\dots}{\dots}$



Subtract:



$$\frac{3}{4} - \frac{1}{4} = \frac{\dots}{\dots}$$



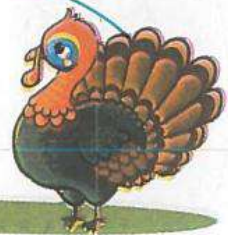
$$\frac{7}{9} - \frac{3}{9} = \frac{\dots}{\dots}$$



$$\frac{6}{7} - \frac{4}{7} = \frac{\dots}{\dots}$$



$$\frac{4}{11} - \frac{2}{11} = \frac{\dots}{\dots}$$



$$\frac{9}{10} - \frac{4}{10} = \frac{\dots}{\dots}$$



Find the result and then, match:

$$\frac{6}{7} - \frac{2}{7} = \frac{\dots}{\dots} \bullet$$

$$\bullet \frac{4}{5} - \frac{1}{5} = \frac{\dots}{\dots}$$

$$\frac{2}{5} + \frac{1}{5} = \frac{\dots}{\dots} \bullet$$

$$\bullet \frac{1}{9} + \frac{2}{9} = \frac{\dots}{\dots}$$

$$\frac{6}{9} - \frac{3}{9} = \frac{\dots}{\dots} \bullet$$

$$\bullet \frac{1}{12} + \frac{1}{12} = \frac{\dots}{\dots}$$

$$\frac{9}{12} - \frac{7}{12} = \frac{\dots}{\dots} \bullet$$

$$\bullet \frac{5}{10} + \frac{2}{10} = \frac{\dots}{\dots}$$

$$\frac{9}{10} - \frac{2}{10} = \frac{\dots}{\dots} \bullet$$

$$\bullet \frac{3}{7} + \frac{1}{7} = \frac{\dots}{\dots}$$

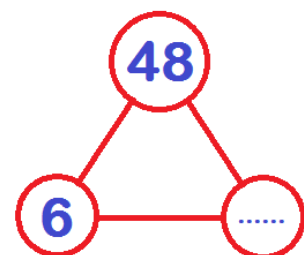
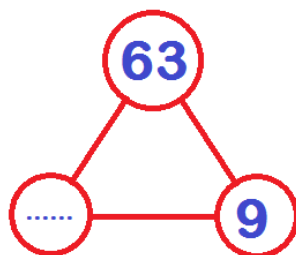
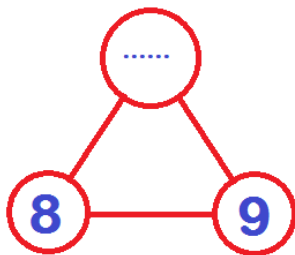
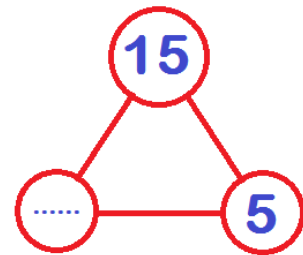
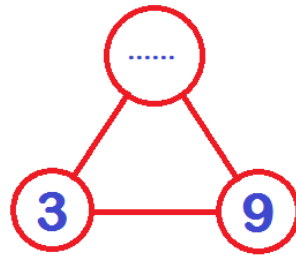
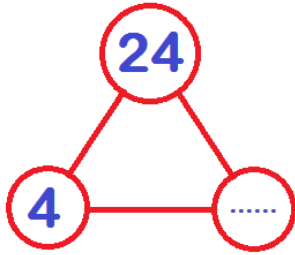
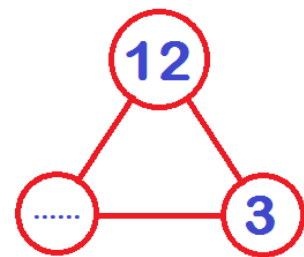
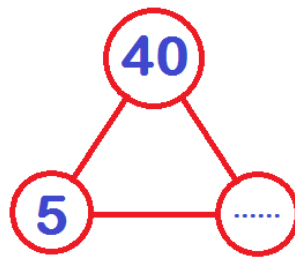
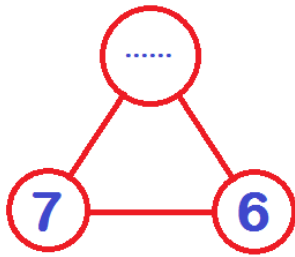
Complete:



A	$\frac{5}{7} - \frac{\dots}{\dots} = \frac{3}{7}$
B	$\frac{\dots}{\dots} + \frac{6}{10} = \frac{9}{10}$
C	$\frac{8}{12} - \frac{\dots}{\dots} = \frac{6}{12}$

D	$\frac{2}{9} + \frac{\dots}{\dots} = \frac{7}{9}$
E	$\frac{8}{8} - \frac{\dots}{\dots} = \frac{4}{8}$
F	$\frac{\dots}{\dots} + \frac{1}{11} = \frac{8}{11}$

Complete the facts of multiplication and division:



Story problems:

1. Mohamed ate $\frac{1}{6}$ of his sandwich at snack time and $\frac{2}{6}$ of his sandwich at lunch. How much of his sandwich did he ate in all?

.....

2. Omar brought $\frac{2}{4}$ of a candy bar to the playground. He gave $\frac{1}{4}$ of it to a friend. How much does he have left?

.....

3. Maha and Mona baked cakes that were the same size. Maha gave $\frac{3}{4}$ of her cake to her class. Mona gave $\frac{2}{4}$ of her cake to her class. Which class received more cake, Maha's class or Mona's class?



4. The juice container at Farida's house was $\frac{5}{6}$ full. Farida drank $\frac{5}{6}$ of the juice. How much juice was left in the container?



5. Yesterday, Marwan ran $\frac{2}{8}$ of a kilometer and then stopped to drink some water. After his water break, he ran another $\frac{2}{8}$ of a kilometer. What fraction of a kilometer did Marwan run?



6. Walaa's house is $\frac{2}{3}$ of a kilometer from school. Ali's house is $\frac{1}{3}$ of a kilometer from school. Who lives closest to school?

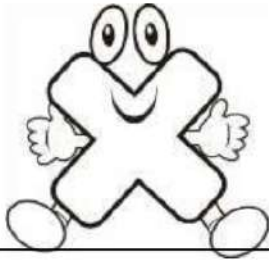


Best Wishes



Name:

Mark:



MULTIPLICACIONES

$5 \times 7 = \square$

$5 \times 3 = \square$

$5 \times 4 = \square$

$5 \times 8 = \square$

$5 \times 2 = \square$

$5 \times 1 = \square$

$5 \times 5 = \square$

$5 \times 6 = \square$

$5 \times 0 = \square$

$6 \times 3 = \square$

$6 \times 5 = \square$

$6 \times 4 = \square$

$6 \times 6 = \square$

$6 \times 0 = \square$

$6 \times 7 = \square$

$6 \times 2 = \square$

$6 \times 1 = \square$

$6 \times 9 = \square$

$5 \times 2 = \square$

$6 \times 6 = \square$

$6 \times 7 = \square$

$5 \times 5 = \square$

$5 \times 3 = \square$

$6 \times 8 = \square$

$5 \times 2 = \square$

$5 \times 1 = \square$

$6 \times 9 = \square$

$6 \times 8 = \square$

$5 \times 5 = \square$

$5 \times 7 = \square$

$6 \times 4 = \square$

$6 \times 9 = \square$

$5 \times 6 = \square$

$5 \times 3 = \square$

$6 \times 1 = \square$


$6 \times 4 = \square$

Sheet Seven

[1] Fractions that are Equivalent to $\frac{1}{2}$

Complete the number line, then write the fraction that is equivalent to $\frac{1}{2}$:


A. $\frac{1}{2} = \frac{\dots}{\dots}$



Number line 1: A line from 0 to 1 with one tick mark in the middle. The middle tick mark has a box with two horizontal lines for a fraction.

Number line 2: A line from 0 to 1 with three tick marks. The first, second, and third tick marks each have a box with two horizontal lines for a fraction.

B. $\frac{1}{2} = \frac{\dots}{\dots}$



Number line 1: A line from 0 to 1 with one tick mark in the middle. The middle tick mark has a box with two horizontal lines for a fraction.

Number line 2: A line from 0 to 1 with five tick marks. The first, second, third, fourth, and fifth tick marks each have a box with two horizontal lines for a fraction.


C. $\frac{1}{2} = \frac{\dots}{\dots}$



Number line 1: A line from 0 to 1 with one tick mark in the middle. The middle tick mark has a box with two horizontal lines for a fraction.

Number line 2: A line from 0 to 1 with nine tick marks. The first, second, third, fourth, fifth, sixth, seventh, eighth, and ninth tick marks each have a box with two horizontal lines for a fraction.

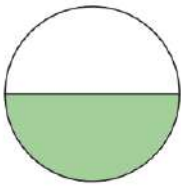
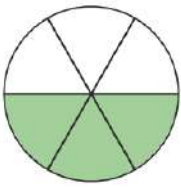
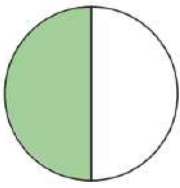
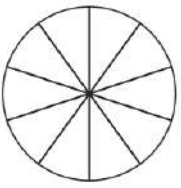
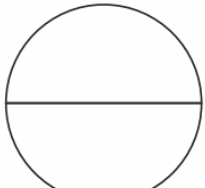
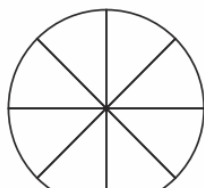
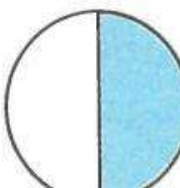
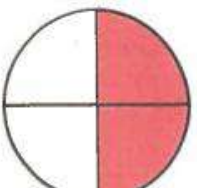
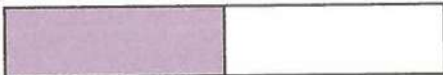



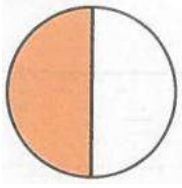
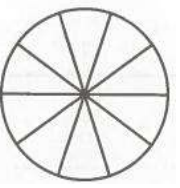


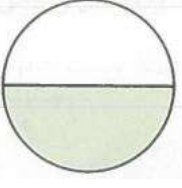
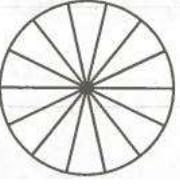
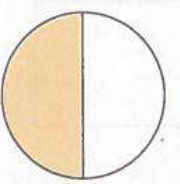
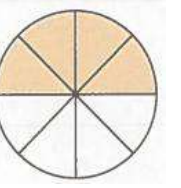
D. $\frac{1}{2} = \frac{\dots}{\dots}$



Number line 1: A line from 0 to 1 with one tick mark in the middle. The middle tick mark has a box with two horizontal lines for a fraction.

Number line 2: A line from 0 to 1 with eleven tick marks. The first, second, third, fourth, fifth, sixth, seventh, eighth, ninth, tenth, and eleventh tick marks each have a box with two horizontal lines for a fraction.

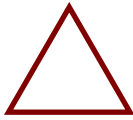



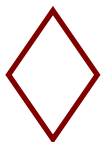
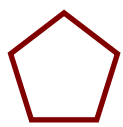
Color, then complete as the example:

  $\frac{1}{2} = \frac{3}{6}$	  $\frac{1}{2} = \frac{\dots}{\dots}$
  $\frac{1}{2} = \frac{\dots}{\dots}$	  $\frac{1}{2} = \frac{\dots}{\dots}$
  $\frac{1}{2} = \frac{\dots}{\dots}$	  $\frac{1}{2} = \frac{\dots}{\dots}$
  $\frac{1}{2} = \frac{\dots}{\dots}$	  $\frac{1}{2} = \frac{\dots}{\dots}$
  $\frac{1}{2} = \frac{\dots}{\dots}$	  $\frac{1}{2} = \frac{\dots}{\dots}$

[2] CONNECT



Put (✓) or (✗):

A	 Triangle	<p>➔ It has three vertices. ()</p> <p>➔ It is a quadrilateral. ()</p> <p>➔ It has three angles. ()</p>
B	 Parallelogram	<p>➔ Each 2 opposite sides are parallel. ()</p> <p>➔ All sides are equal in length. ()</p> <p>➔ It is a quadrilateral. ()</p>
C	 Square	<p>➔ All angles are equal in measure. ()</p> <p>➔ All sides are equal in length. ()</p> <p>➔ Two sides only are parallel. ()</p>
D	 Rectangle	<p>➔ All angles are equal in measure. ()</p> <p>➔ All sides are equal in length. ()</p> <p>➔ It has 4 vertices. ()</p>
E	 Rhombus	<p>➔ It has 6 sides. ()</p> <p>➔ All sides are equal in length. ()</p> <p>➔ It is a quadrilateral. ()</p>
F	 Pentagon	<p>➔ It has five vertices. ()</p> <p>➔ It is a quadrilateral. ()</p> <p>➔ It has six sides. ()</p>

[3] More about Equivalent Fractions

Complete:

1	$\frac{1}{2} = \frac{5}{\dots}$	2	$\frac{2}{3} = \frac{\dots}{9}$	3	$\frac{1}{10} = \frac{3}{\dots}$
4	$\frac{3}{4} = \frac{\dots}{8}$	5	$\frac{1}{5} = \frac{\dots}{10}$	6	$\frac{1}{8} = \frac{\dots}{72}$
7	$\frac{7}{7} = \frac{49}{\dots}$	8	$\frac{2}{4} = \frac{\dots}{40}$	9	$\frac{5}{5} = \frac{\dots}{7}$
10	$\frac{5}{8} = \frac{\dots}{24}$	11	$\frac{3}{7} = \frac{21}{\dots}$	12	$\frac{5}{7} = \frac{15}{\dots}$
13	$\frac{2}{5} = \frac{16}{\dots}$	14	$\frac{16}{20} = \frac{4}{\dots}$	15	$\frac{8}{10} = \frac{\dots}{5}$

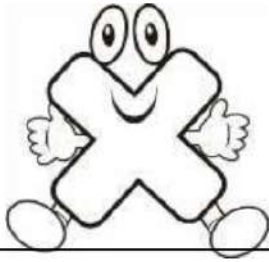
Complete:



1	$\frac{1}{3} = \frac{\dots}{6} = \frac{3}{\dots} = \frac{\dots}{\dots}$	2	$\frac{1}{5} = \frac{\dots}{15} = \frac{4}{\dots} = \frac{\dots}{\dots}$
3	$\frac{2}{3} = \frac{\dots}{6} = \frac{6}{\dots} = \frac{\dots}{\dots}$	4	$\frac{3}{4} = \frac{\dots}{8} = \frac{9}{\dots} = \frac{\dots}{\dots}$
5	$\frac{1}{4} = \frac{\dots}{8} = \frac{3}{\dots} = \frac{\dots}{\dots}$	6	$\frac{2}{5} = \frac{\dots}{10} = \frac{10}{\dots} = \frac{\dots}{\dots}$

Name:

Mark:



MULTIPLICACIONES

$6 \times 7 = \square$

$6 \times 3 = \square$

$6 \times 4 = \square$

$6 \times 8 = \square$

$6 \times 2 = \square$

$6 \times 1 = \square$

$6 \times 5 = \square$

$6 \times 6 = \square$

$6 \times 0 = \square$

$4 \times 3 = \square$

$4 \times 5 = \square$

$4 \times 4 = \square$

$4 \times 6 = \square$

$4 \times 0 = \square$

$4 \times 7 = \square$

$4 \times 2 = \square$

$4 \times 1 = \square$

$4 \times 9 = \square$

$6 \times 2 = \square$

$4 \times 6 = \square$

$4 \times 7 = \square$

$6 \times 5 = \square$

$6 \times 3 = \square$

$4 \times 8 = \square$

$6 \times 2 = \square$

$6 \times 1 = \square$

$4 \times 9 = \square$

$4 \times 8 = \square$

$6 \times 5 = \square$

$6 \times 7 = \square$

$4 \times 4 = \square$

$4 \times 9 = \square$

$6 \times 6 = \square$

$6 \times 3 = \square$

$4 \times 1 = \square$

$4 \times 4 = \square$

Sheet Eight

[1] CONNECT



Complete:

8 m
5 m 5 m
8 m

Area: _____

Perimeter: _____

1 cm
5 cm 5 cm
1 cm

Area: _____

Perimeter: _____

9 km
9 km 9 km
9 km

Area: _____

Perimeter: _____

30 cm
20 cm

Area: _____

Perimeter: _____

7 m

Area: _____

Perimeter: _____

2 m
10 m

Area: _____

Perimeter: _____

Area: 25 sq m
Perimeter: 20 m

7 m
7 m

Area: 14 sq m
Perimeter: _____

Area: 6 sq m
Perimeter: 10 m

[2] Division

Complete:



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<p>27</p> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px;"></div> <p>..... ÷ =</p>	<p>24</p> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px;"></div> <p>..... ÷ =</p>
<p>36</p> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px;"></div> <p>..... ÷ =</p>	<p>24</p> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px;"></div> <p>..... ÷ =</p>
<p>15</p> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px;"></div> <p>..... ÷ =</p>	<p>20</p> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid blue; width: 100px; height: 20px;"></div> <p>..... ÷ =</p>
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[3] Story Problems on Division

A librarian has 28 books. He wants to distribute them equally in 4 shelves. How many books are there in each shelf?

Number of books = \div =

A teacher has 30 balloons. She wants to distribute them equally among 10 students. How many balloons each student have?

Number of balloons = \div =

Mona has 56 cans of juice. She wants to distribute them equally among 7 boxes. Hoe many cans are there in each box?

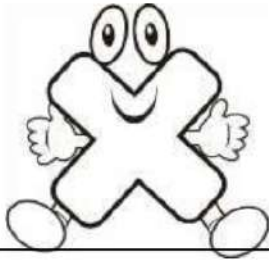
Number of cans = \div =

Omar distributed 36 pens among his friends. Each of them takes 9 pens. How many friends of Omar?

Number of friends = \div =

Name:

Mark:



MULTIPLICACIONES

$2 \times 7 = \square$

$2 \times 3 = \square$

$2 \times 4 = \square$

$2 \times 8 = \square$

$2 \times 2 = \square$

$2 \times 1 = \square$

$2 \times 5 = \square$

$2 \times 6 = \square$

$2 \times 0 = \square$

$7 \times 3 = \square$

$7 \times 5 = \square$

$7 \times 4 = \square$

$7 \times 6 = \square$

$7 \times 0 = \square$

$7 \times 7 = \square$

$7 \times 2 = \square$

$7 \times 1 = \square$

$7 \times 9 = \square$

$7 \times 2 = \square$

$2 \times 6 = \square$

$2 \times 7 = \square$

$7 \times 5 = \square$

$7 \times 3 = \square$

$7 \times 8 = \square$

$2 \times 2 = \square$

$2 \times 1 = \square$

$2 \times 9 = \square$

$7 \times 8 = \square$

$2 \times 5 = \square$

$7 \times 7 = \square$

$7 \times 4 = \square$

$7 \times 9 = \square$

$7 \times 6 = \square$

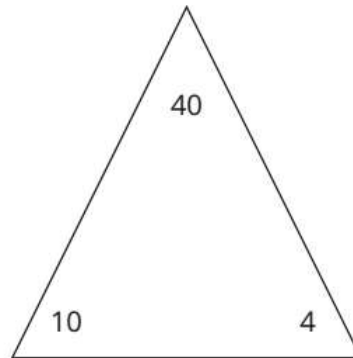
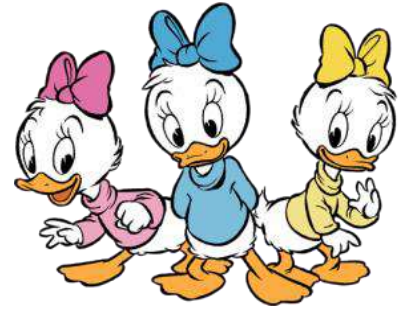
$2 \times 3 = \square$

$7 \times 1 = \square$

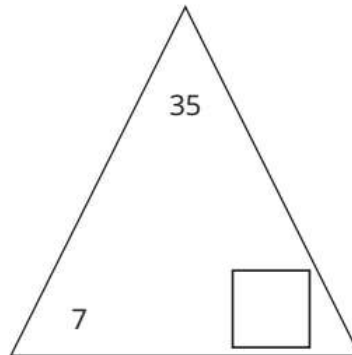
$2 \times 4 = \square$

[4] Connect

Complete the fact families:

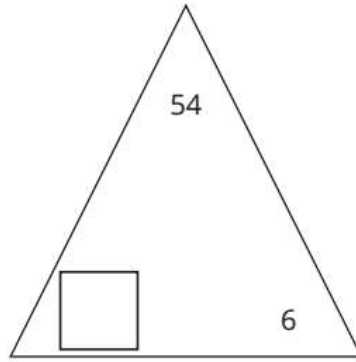


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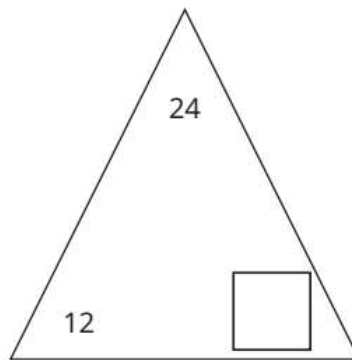


$\underline{\quad} \times \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	$\underline{\quad} \times \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
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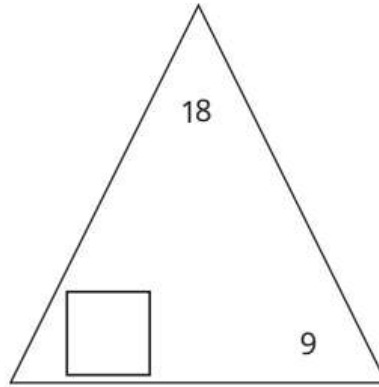


$\underline{\quad} \times \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	$\underline{\quad} \times \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
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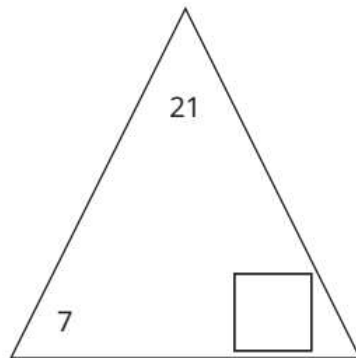


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$\underline{\quad} \times \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	$\underline{\quad} \times \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
--	--



$\underline{\quad} \times \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$	$\underline{\quad} \times \underline{\quad} = \underline{\quad}$ $\underline{\quad} \div \underline{\quad} = \underline{\quad}$
--	--



Choose 3 numbers then write fact families:

5	9	2	11	45
---	---	---	----	----

..... × =

..... × =

..... ÷ =

..... ÷ =

30	6	3	7	10
----	---	---	---	----

..... × =

..... × =

..... ÷ =

..... ÷ =

9	4	32	5	8
---	---	----	---	---

..... × =

..... × =

..... ÷ =

..... ÷ =

7	2	12	5	10
---	---	----	---	----

..... × =

..... × =

..... ÷ =

..... ÷ =

6	11	54	3	66
---	----	----	---	----

..... × =

..... × =

..... ÷ =

..... ÷ =

6	7	63	84	12
---	---	----	----	----

..... × =

..... × =

..... ÷ =

..... ÷ =

3	6	32	24	8
---	---	----	----	---

..... × =

..... × =

..... ÷ =

..... ÷ =

6	3	42	24	7
---	---	----	----	---

..... × =

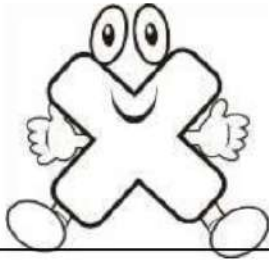
..... × =

..... ÷ =

..... ÷ =

Name:

Mark:



MULTIPLICACIONES

$3 \times 3 = \square$

$3 \times 5 = \square$

$3 \times 4 = \square$

$3 \times 6 = \square$

$3 \times 0 = \square$

$3 \times 7 = \square$

$3 \times 2 = \square$

$3 \times 1 = \square$

$3 \times 9 = \square$

$7 \times 7 = \square$

$7 \times 3 = \square$

$7 \times 4 = \square$

$7 \times 8 = \square$

$7 \times 2 = \square$

$7 \times 1 = \square$

$7 \times 5 = \square$

$7 \times 6 = \square$

$7 \times 0 = \square$

$3 \times 2 = \square$

$7 \times 6 = \square$

$7 \times 7 = \square$

$3 \times 5 = \square$

$3 \times 3 = \square$

$3 \times 8 = \square$

$7 \times 2 = \square$

$7 \times 1 = \square$

$7 \times 9 = \square$

$3 \times 8 = \square$

$7 \times 5 = \square$

$3 \times 7 = \square$

$3 \times 4 = \square$

$3 \times 9 = \square$

$3 \times 6 = \square$

$7 \times 3 = \square$

$3 \times 1 = \square$

$7 \times 4 = \square$

Sheet Nine**[1] CONNECT**

Farida had L.E. 100, she bought 3 pens. The price of each pen is L.E. 7. What is the remainder with her?

Price of pens = =

The remainder = =

Omar has 90 pounds, his sister has 80 pounds. They bought a present to their mother for L.E. 150. What is remainder with them?

They have = =

The remainder = =

A father bought 5 boxes of chocolate. Each box contains 6 bars. He distributed them equally among his 3 sons. How much bars does each son take?

Number of bars = =

Each son takes = =





Find the result:

$9 \times 7 = \underline{\quad}$

$3 \times 1 = \underline{\quad}$

$9 \times 3 = \underline{\quad}$

$8 \times 5 = \underline{\quad}$

$12 \times 2 = \underline{\quad}$

$11 \times 7 = \underline{\quad}$

$3 \times 3 = \underline{\quad}$

$4 \times 4 = \underline{\quad}$

$8 \times 2 = \underline{\quad}$

$10 \times 10 = \underline{\quad}$

$10 \times 3 = \underline{\quad}$

$10 \times 4 = \underline{\quad}$

$6 \times 8 = \underline{\quad}$

$9 \times 5 = \underline{\quad}$

$5 \times 2 = \underline{\quad}$

$5 \times 3 = \underline{\quad}$

$11 \times 3 = \underline{\quad}$

$9 \times 4 = \underline{\quad}$

$8 \times 4 = \underline{\quad}$

$6 \times 6 = \underline{\quad}$

$8 \times 6 = \underline{\quad}$

$7 \times 1 = \underline{\quad}$

$9 \times 8 = \underline{\quad}$

$10 \times 8 = \underline{\quad}$

$10 \times 6 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$7 \times 3 = \underline{\quad}$

$6 \times 4 = \underline{\quad}$

$12 \times 1 = \underline{\quad}$

$4 \times 2 = \underline{\quad}$

$3 \times 4 = \underline{\quad}$

$11 \times 5 = \underline{\quad}$

$8 \times 1 = \underline{\quad}$

$6 \times 5 = \underline{\quad}$

$9 \times 5 = \underline{\quad}$

$4 \times 1 = \underline{\quad}$

$8 \times 7 = \underline{\quad}$

$0 \times 12 = \underline{\quad}$

$1 \times 9 = \underline{\quad}$

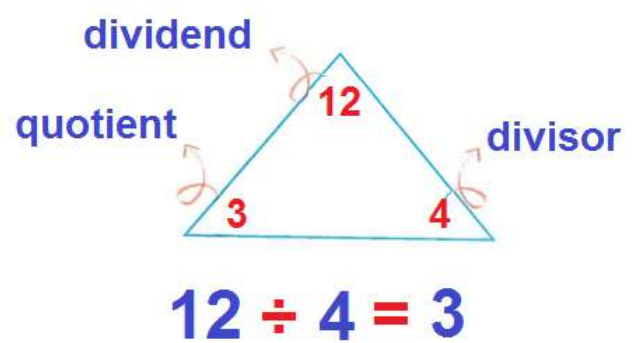
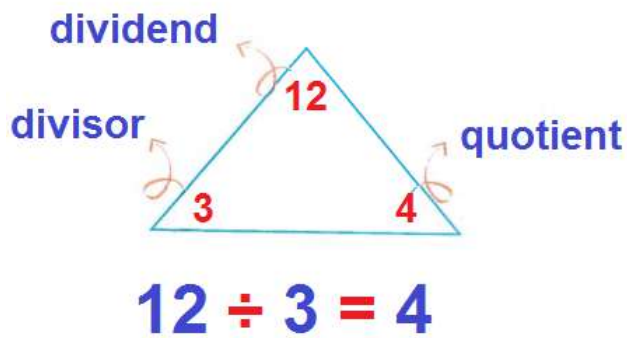
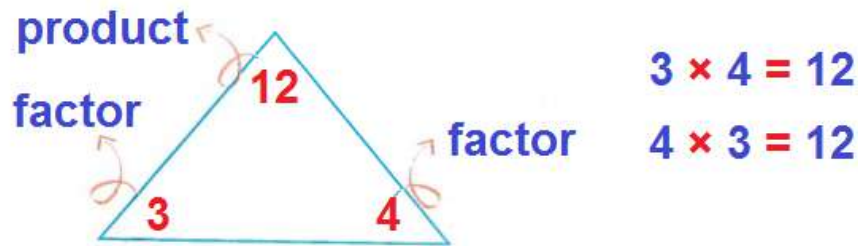
$8 \times 3 = \underline{\quad}$

Challenge:

I have a zero in the Ones place.
One of my factors is 4.
I am double 10.
What number am I?

I have 6 different factors.
I have a 1 in the Tens place.
6 is one of my factors.
What numbers might I be?

[2] Fact Families for Multiplication and Division



Complete the fact families:

5	9	.....
.....	\times =
.....	\times =
.....	\div =
.....	\div =

30	6	.....
.....	\times =
.....	\times =
.....	\div =
.....	\div =



6 9

..... × =
 × =
 ÷ =
 ÷ =

8 4

..... × =
 × =
 ÷ =
 ÷ =



3 7

..... × =
 × =
 ÷ =
 ÷ =

2 5

..... × =
 × =
 ÷ =
 ÷ =

5 10

..... × =
 × =
 ÷ =
 ÷ =

7 9

..... × =
 × =
 ÷ =
 ÷ =



5 7

..... × =
 × =
 ÷ =
 ÷ =

10 2

..... × =
 × =
 ÷ =
 ÷ =

Complete the fact families:



The factors are: and

The facts are:

$$\dots \times \dots = \dots$$

$$\dots \times \dots = \dots$$

$$\dots \div \dots = \dots$$

$$\dots \div \dots = \dots$$



The factors are: and

The facts are:

$$\dots \times \dots = \dots$$

$$\dots \times \dots = \dots$$

$$\dots \div \dots = \dots$$

$$\dots \div \dots = \dots$$



The factors are: and

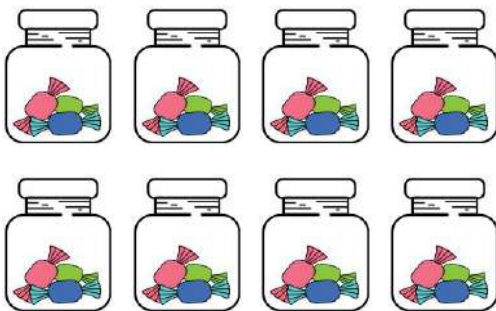
The facts are:

$$\dots \times \dots = \dots$$

$$\dots \times \dots = \dots$$

$$\dots \div \dots = \dots$$

$$\dots \div \dots = \dots$$



The factors are: and

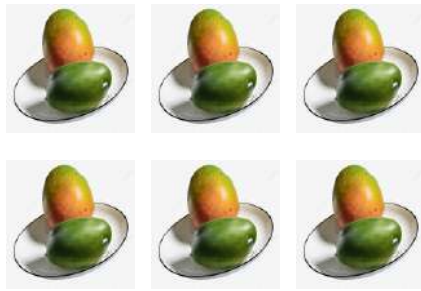
The facts are:

$$\dots \times \dots = \dots$$

$$\dots \times \dots = \dots$$

$$\dots \div \dots = \dots$$

$$\dots \div \dots = \dots$$



The factors are: and

The facts are:

$$\dots \times \dots = \dots$$

$$\dots \times \dots = \dots$$

$$\dots \div \dots = \dots$$

$$\dots \div \dots = \dots$$



The factors are: and

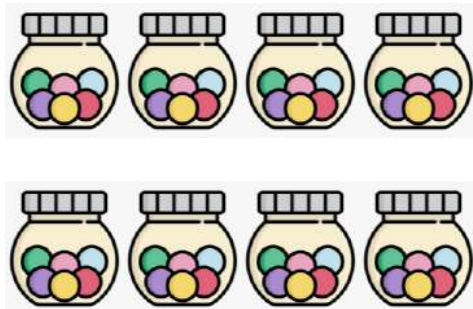
The facts are:

$$\dots \times \dots = \dots$$

$$\dots \times \dots = \dots$$

$$\dots \div \dots = \dots$$

$$\dots \div \dots = \dots$$



The factors are: and

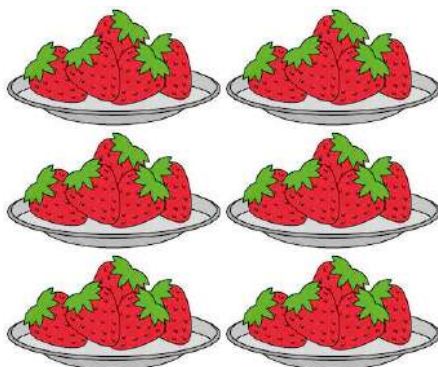
The facts are:

$$\dots \times \dots = \dots$$

$$\dots \times \dots = \dots$$

$$\dots \div \dots = \dots$$

$$\dots \div \dots = \dots$$



The factors are: and

The facts are:

$$\dots \times \dots = \dots$$

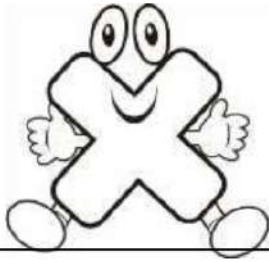
$$\dots \times \dots = \dots$$

$$\dots \div \dots = \dots$$

$$\dots \div \dots = \dots$$

Name:

Mark:



MULTIPLICACIONES

$7 \times 3 = \square$

$7 \times 5 = \square$

$7 \times 4 = \square$

$7 \times 6 = \square$

$7 \times 0 = \square$

$7 \times 7 = \square$

$7 \times 2 = \square$

$7 \times 1 = \square$

$7 \times 9 = \square$

$5 \times 7 = \square$

$5 \times 3 = \square$

$5 \times 4 = \square$

$5 \times 8 = \square$

$5 \times 2 = \square$

$5 \times 1 = \square$

$5 \times 5 = \square$

$5 \times 6 = \square$

$5 \times 0 = \square$

$5 \times 2 = \square$

$7 \times 6 = \square$

$7 \times 7 = \square$

$5 \times 5 = \square$

$5 \times 3 = \square$

$5 \times 8 = \square$

$7 \times 2 = \square$

$7 \times 1 = \square$

$7 \times 9 = \square$

$5 \times 8 = \square$

$7 \times 5 = \square$

$5 \times 7 = \square$

$5 \times 4 = \square$

$5 \times 9 = \square$

$5 \times 6 = \square$

$7 \times 3 = \square$

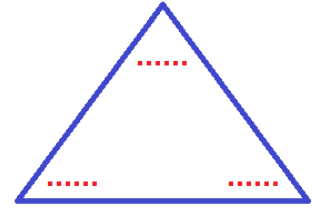
$5 \times 1 = \square$

$7 \times 4 = \square$

[3] Story Problems

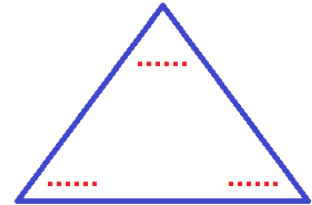
Each cat ate 5 fish. How many cats ate 30 fish?

Number of cats = =



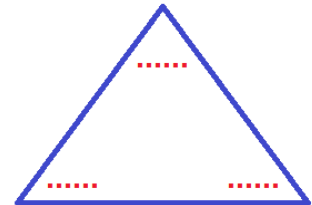
Ahmed plants 56 trees in 8 rows. How many trees in each row?

Number of trees = =



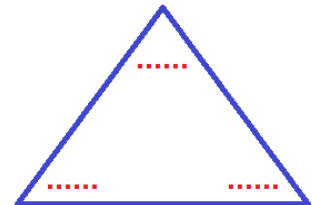
If 55 students distributed in 5 rows. How many students in each row?

Number of students = =



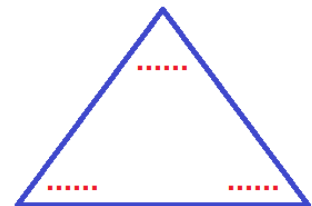
Amina puts 21 pencils in some glasses. Each glass has 7 pencils. How many glasses needed?

Number of glasses = =



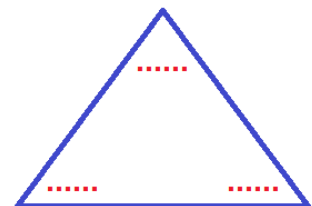
A teacher distributed 99 cards among 11 groups of students. How many cards of each group?

Number of cards = =



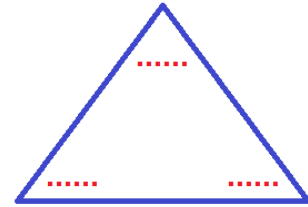
There are 8 giraffes in the Zoo. Each one ate 5 kg of grass. How many kilograms needed?

Number of kilograms = =



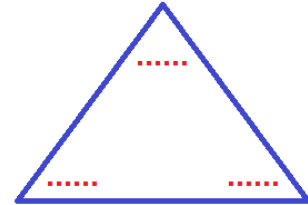
Noran studies 5 hours daily. How many hours does Noran study in 10 days?

Number of hours = =



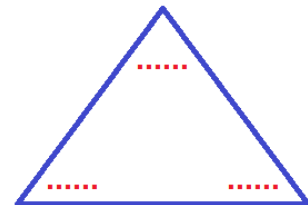
A driver pays 4 pounds for parking per hour. How many hours for 20 pounds?

Number of hours = =



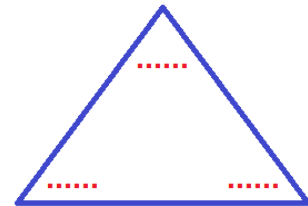
A farmer distributed 121 sheep in 11 pens. How many sheep in each pen?

Number of grams = =



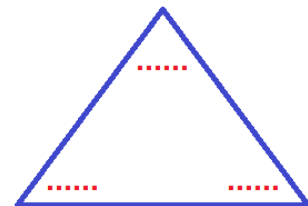
Adam and his friends walked to the Zoo. The ticket cost L.E. 3. Adam and his friends spend L.E. 27. How many tickets did they buy?

Number of tickets = =



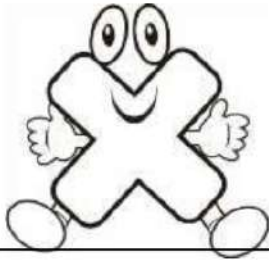
At the hippo exhibit in the zoo, Adam counts 16 hippo feet. If you know that the hippo has 4 legs. How many hippos are at the zoo?

Number of hippos = =



Name:

Mark:



MULTIPLICACIONES

$4 \times 3 = \square$

$4 \times 5 = \square$

$4 \times 4 = \square$

$4 \times 6 = \square$

$4 \times 0 = \square$

$4 \times 7 = \square$

$4 \times 2 = \square$

$4 \times 1 = \square$

$4 \times 9 = \square$

$7 \times 7 = \square$

$7 \times 3 = \square$

$7 \times 4 = \square$

$7 \times 8 = \square$

$7 \times 2 = \square$

$7 \times 1 = \square$

$7 \times 5 = \square$

$7 \times 6 = \square$

$7 \times 0 = \square$

$7 \times 2 = \square$

$4 \times 6 = \square$

$4 \times 7 = \square$

$7 \times 5 = \square$

$7 \times 3 = \square$

$7 \times 8 = \square$

$4 \times 2 = \square$

$4 \times 1 = \square$

$4 \times 9 = \square$

$7 \times 8 = \square$

$4 \times 5 = \square$

$7 \times 7 = \square$

$7 \times 4 = \square$

$7 \times 9 = \square$

$7 \times 6 = \square$

$4 \times 3 = \square$

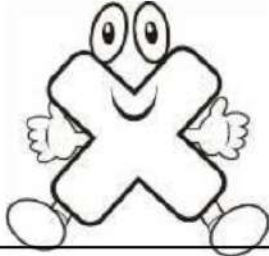
$7 \times 1 = \square$

$4 \times 4 = \square$



Sheet Ten

[1] CONNECT



MULTIPLICACIONES

$5 \times 7 = \square$

$5 \times 3 = \square$

$5 \times 4 = \square$

$5 \times 8 = \square$

$5 \times 2 = \square$

$5 \times 1 = \square$

$5 \times 5 = \square$

$5 \times 6 = \square$

$5 \times 0 = \square$

$7 \times 3 = \square$

$7 \times 5 = \square$

$7 \times 4 = \square$

$7 \times 6 = \square$

$7 \times 0 = \square$

$7 \times 7 = \square$

$7 \times 2 = \square$

$7 \times 1 = \square$

$7 \times 9 = \square$

$5 \times 8 = \square$

$7 \times 5 = \square$

$5 \times 7 = \square$

$5 \times 4 = \square$

$5 \times 9 = \square$

$5 \times 6 = \square$

$7 \times 3 = \square$

$5 \times 1 = \square$

$7 \times 4 = \square$

$5 \times 2 = \square$

$7 \times 6 = \square$

$7 \times 7 = \square$

$5 \times 5 = \square$

$5 \times 3 = \square$

$5 \times 8 = \square$

$7 \times 2 = \square$

$7 \times 1 = \square$

$7 \times 9 = \square$

Gamal wakes up at 6:00 a.m. and leaves to school after an hour and a quarter. It takes him 15 minutes to walk to school. He spends 6 hours at school and leave for home.



Wake up



Leave for school



Arrive back at home

Hoda wakes up at 7:15 a.m. She goes to the club at 6:30 p.m. She spends there 3 hours and goes back to home.



Wake up



Goes to club



Leave for home

Ahmed wakes up at 7:30 a.m. He goes to his work at 9:00. He spends there 8 hours and goes back to home.



Wake up



Goes to work



Leave for home

Find the result:

$1 \times 4 = \underline{\quad}$

$5 \times 10 = \underline{\quad}$

$8 \times 2 = \underline{\quad}$

$3 \times 7 = \underline{\quad}$

$3 \times 3 = \underline{\quad}$

$3 \times 5 = \underline{\quad}$

$9 \times 3 = \underline{\quad}$

$8 \times 6 = \underline{\quad}$

$12 \times 3 = \underline{\quad}$

$5 \times 1 = \underline{\quad}$

$4 \times 3 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$5 \times 8 = \underline{\quad}$

$9 \times 9 = \underline{\quad}$

$8 \times 4 = \underline{\quad}$

$4 \times 4 = \underline{\quad}$

$10 \times 9 = \underline{\quad}$

$8 \times 3 = \underline{\quad}$

$9 \times 4 = \underline{\quad}$

$11 \times 7 = \underline{\quad}$

$5 \times 4 = \underline{\quad}$

$6 \times 6 = \underline{\quad}$

$2 \times 10 = \underline{\quad}$

$10 \times 4 = \underline{\quad}$

$12 \times 2 = \underline{\quad}$

$10 \times 1 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$11 \times 4 = \underline{\quad}$

$7 \times 4 = \underline{\quad}$

$7 \times 7 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

$6 \times 9 = \underline{\quad}$

$10 \times 10 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

$5 \times 9 = \underline{\quad}$

$8 \times 8 = \underline{\quad}$

$7 \times 8 = \underline{\quad}$

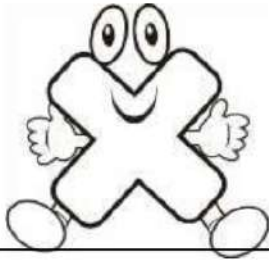
$11 \times 8 = \underline{\quad}$

$7 \times 6 = \underline{\quad}$

$12 \times 5 = \underline{\quad}$

Name:

Mark:



MULTIPLICACIONES

$6 \times 7 = \square$

$6 \times 3 = \square$

$6 \times 4 = \square$

$6 \times 8 = \square$

$6 \times 2 = \square$

$6 \times 1 = \square$

$6 \times 5 = \square$

$6 \times 6 = \square$

$6 \times 0 = \square$

$7 \times 4 = \square$

$7 \times 3 = \square$

$7 \times 5 = \square$

$7 \times 7 = \square$

$7 \times 6 = \square$

$7 \times 0 = \square$

$7 \times 9 = \square$

$7 \times 2 = \square$

$7 \times 1 = \square$

$6 \times 8 = \square$

$7 \times 5 = \square$

$6 \times 7 = \square$

$6 \times 4 = \square$

$6 \times 9 = \square$

$6 \times 6 = \square$

$7 \times 3 = \square$

$6 \times 1 = \square$

$7 \times 4 = \square$

$6 \times 2 = \square$

$7 \times 6 = \square$

$7 \times 7 = \square$

$6 \times 5 = \square$

$6 \times 3 = \square$

$6 \times 8 = \square$

$7 \times 2 = \square$

$7 \times 1 = \square$

$7 \times 9 = \square$

Sheet Eleven**[1] CONNECT**

Fill in the unknown factors in the fact families:

A	$5 \times 7 = \dots\dots\dots$	Therefore	$35 \div 5 = \dots\dots\dots$
B	$8 \times \dots\dots\dots = 48$	Therefore	$48 \div 8 = \dots\dots\dots$
C	$8 \times 9 = \dots\dots\dots$	Therefore	$72 \div 9 = \dots\dots\dots$
D	$4 \times 6 = \dots\dots\dots$	Therefore	$24 \div 4 = \dots\dots\dots$
E	$3 \times 12 = \dots\dots\dots$	Therefore	$36 \div 12 = \dots\dots\dots$
F	$5 \times 11 = \dots\dots\dots$	Therefore	$55 \div 5 = \dots\dots\dots$
G	$2 \times 12 = \dots\dots\dots$	Therefore	$24 \div 12 = \dots\dots\dots$
H	$4 \times 7 = \dots\dots\dots$	Therefore	$28 \div 7 = \dots\dots\dots$

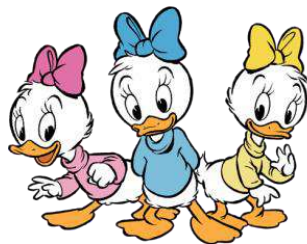
Find the result:

1. $\begin{array}{r} 26 \\ + 18 \\ \hline \end{array}$	2. $\begin{array}{r} 475 \\ + 25 \\ \hline \end{array}$	3. $\begin{array}{r} 115 \\ - 108 \\ \hline \end{array}$
4. $\begin{array}{r} 297 \\ + 3 \\ \hline \end{array}$	5. $\begin{array}{r} 473 \\ - 52 \\ \hline \end{array}$	6. $\begin{array}{r} 527 \\ - 19 \\ \hline \end{array}$
7. $\begin{array}{r} 387 \\ + 13 \\ \hline \end{array}$	8. $\begin{array}{r} 80 \\ - 74 \\ \hline \end{array}$	9. $\begin{array}{r} 68 \\ - 29 \\ \hline \end{array}$



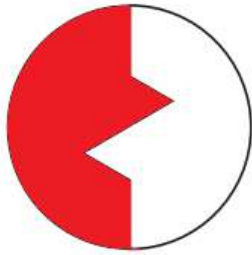
Find the result:

$1 \times 6 =$	$72 \div 6 =$	$10 \times 6 =$	$42 \div 6 =$
$2 \times 6 =$	$12 \div 6 =$	$6 \times 6 =$	$36 \div 6 =$
$3 \times 6 =$	$24 \div 6 =$	$7 \times 6 =$	$48 \div 6 =$
$4 \times 6 =$	$6 \div 6 =$	$8 \times 6 =$	$60 \div 6 =$
$5 \times 6 =$	$30 \div 6 =$	$9 \times 6 =$	$54 \div 6 =$
$6 \times 9 =$	$18 \div 6 =$	$8 \times 6 =$	$6 \times 7 =$
$6 \div 6 =$	$0 \times 6 =$	$10 \times 6 =$	$6 \times 6 =$
$12 \times 6 =$	$6 \times 11 =$	$0 \div 6 =$	$24 \div 6 =$
$66 \div 6 =$	$48 \div 6 =$	$6 \times 9 =$	$6 \times 7 =$
$2 \times 6 =$	$18 \div 6 =$	$5 \times 6 =$	$9 \times 6 =$

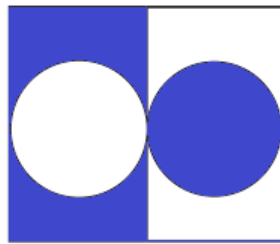


[2] Unusual Halves

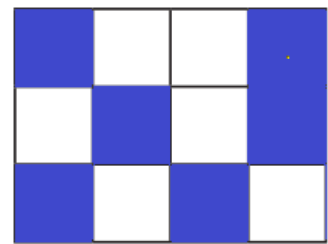
Put (✓) under shapes that show one **half** is shaded:



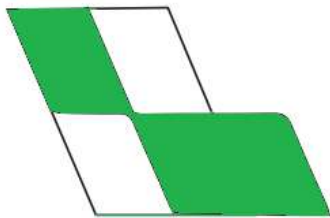
()



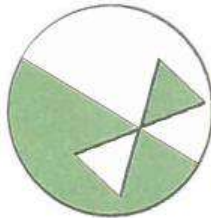
()



()



()



()



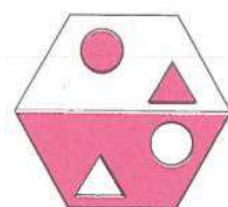
()



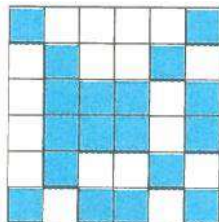
()



()



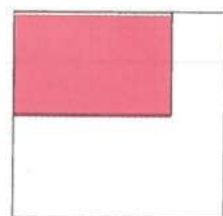
()



()

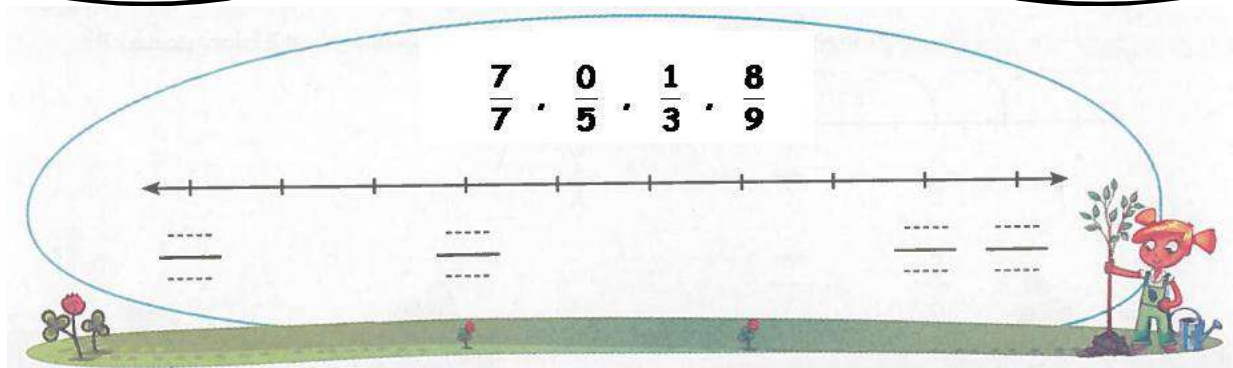
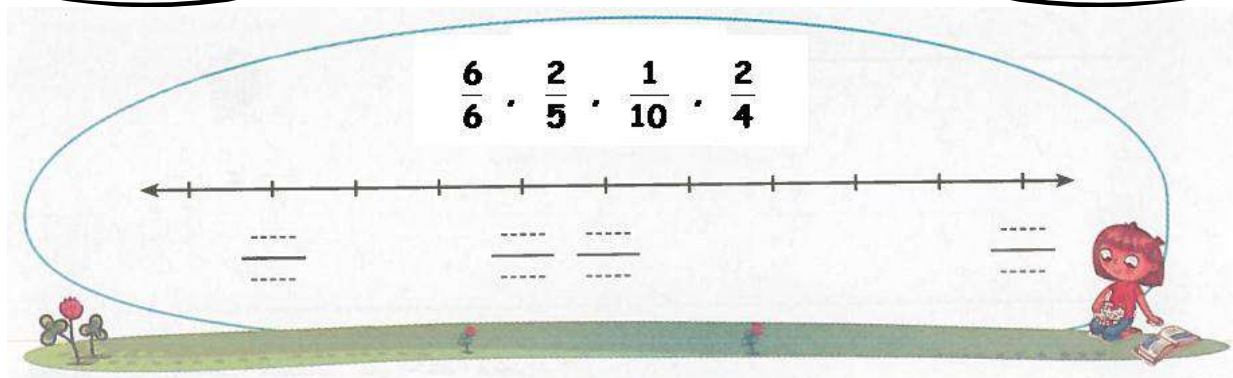
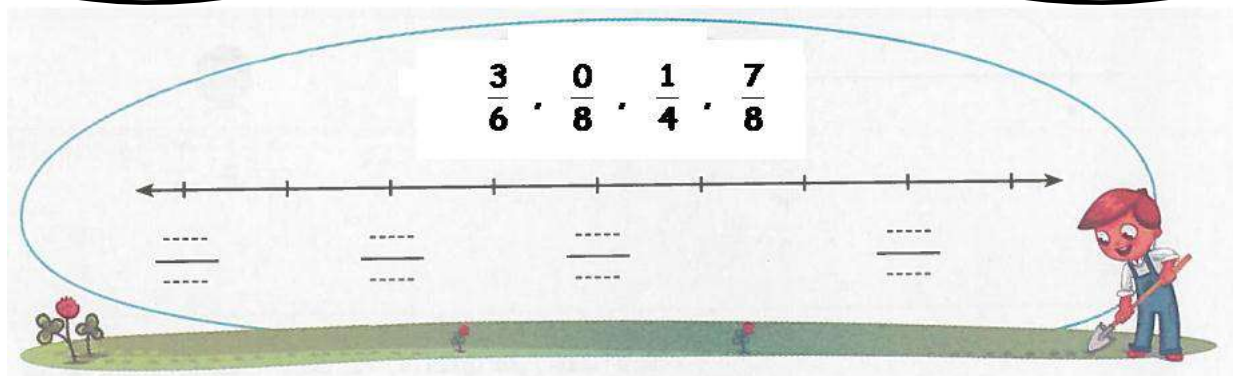
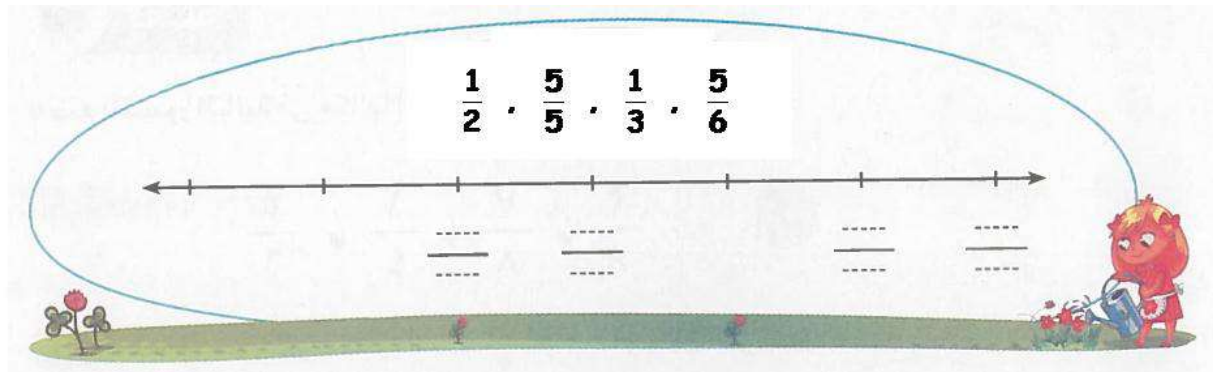


()



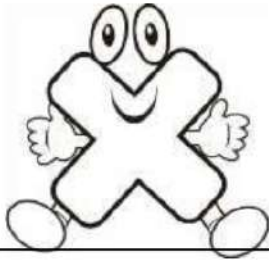
()

Put the fractions in its right position on the number line:



Name:

Mark:



MULTIPLICACIONES

$2 \times 7 = \square$

$2 \times 3 = \square$

$2 \times 4 = \square$

$2 \times 8 = \square$

$2 \times 2 = \square$

$2 \times 1 = \square$

$2 \times 5 = \square$

$2 \times 6 = \square$

$2 \times 0 = \square$

$8 \times 3 = \square$

$8 \times 5 = \square$

$8 \times 4 = \square$

$8 \times 6 = \square$

$8 \times 0 = \square$

$8 \times 7 = \square$

$8 \times 2 = \square$

$8 \times 1 = \square$

$8 \times 9 = \square$

$2 \times 2 = \square$

$8 \times 6 = \square$

$8 \times 7 = \square$

$2 \times 5 = \square$

$2 \times 3 = \square$

$2 \times 8 = \square$

$8 \times 2 = \square$

$8 \times 1 = \square$

$8 \times 9 = \square$

$2 \times 8 = \square$

$8 \times 5 = \square$

$2 \times 7 = \square$

$2 \times 4 = \square$

$2 \times 9 = \square$

$2 \times 6 = \square$

$8 \times 3 = \square$

$2 \times 1 = \square$

$8 \times 4 = \square$

[3] The Value and the Place Value

Remember: ones, tens, hundreds, thousands

Write the place value of the red digit:

A	67 511 →
B	893 052 →
C	715 980 →
D	821 374 →
E	501 234 →
F	945 107 →
G	44 235 →
H	20 643 →
I	256 841 →
J	261 689 →

Write the **value** of the red digit:

A	6 7 511 →
B	893 0 52 →
C	7 1 5 980 →
D	8 21 374 →
E	501 2 3 4 →
F	9 45 107 →
G	44 2 35 →
H	2 0 643 →
I	256 8 41 →
J	2 6 1 689 →

Write the **expanded form** as the example:

A	$67\ 511 = 1 + 10 + 500 + 7\ 000 + 60\ 000$
B	$893\ 052 = \dots + \dots + \dots + \dots + \dots + \dots$
C	$715\ 980 = \dots + \dots + \dots + \dots + \dots + \dots$
D	$821\ 374 = \dots + \dots + \dots + \dots + \dots + \dots$
E	$501\ 234 = \dots + \dots + \dots + \dots + \dots + \dots$
F	$945\ 107 = \dots + \dots + \dots + \dots + \dots + \dots$
G	$44\ 235 = \dots + \dots + \dots + \dots + \dots$
H	$20\ 643 = \dots + \dots + \dots + \dots + \dots$
I	$256\ 841 = \dots + \dots + \dots + \dots + \dots + \dots$
J	$261\ 689 = \dots + \dots + \dots + \dots + \dots + \dots$

Form the **greatest** and the **smallest** number:

4 **1** **8** **3** **4** **6**

The **greatest** number:

The **Smallest** number:

9 **5** **4** **8** **3** **6**

The **greatest** number:

The **Smallest** number:



4 **0** **7** **5** **9** **1**

The **greatest** number:

The **Smallest** number:

1 **6** **3** **0** **2** **7**

The **greatest** number:

The **Smallest** number:

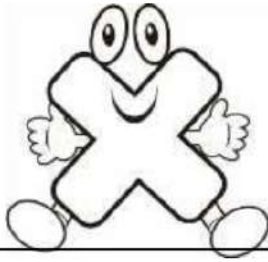
2 **8** **0** **9** **7** **5**

The **greatest** number:

The **Smallest** number:

Name:

Mark:



MULTIPLICACIONES

$5 \times 7 = \square$

$5 \times 3 = \square$

$5 \times 4 = \square$

$5 \times 8 = \square$

$5 \times 2 = \square$

$5 \times 1 = \square$

$5 \times 5 = \square$

$5 \times 6 = \square$

$5 \times 0 = \square$

$8 \times 3 = \square$

$8 \times 5 = \square$

$8 \times 4 = \square$

$8 \times 6 = \square$

$8 \times 0 = \square$

$8 \times 7 = \square$

$8 \times 2 = \square$

$8 \times 1 = \square$

$8 \times 9 = \square$

$5 \times 2 = \square$

$8 \times 6 = \square$

$8 \times 7 = \square$

$5 \times 5 = \square$

$5 \times 3 = \square$

$8 \times 8 = \square$

$5 \times 2 = \square$

$5 \times 1 = \square$

$8 \times 9 = \square$

$8 \times 8 = \square$

$5 \times 5 = \square$

$5 \times 7 = \square$

$8 \times 4 = \square$

$8 \times 9 = \square$

$5 \times 6 = \square$

$5 \times 3 = \square$

$8 \times 1 = \square$

$8 \times 4 = \square$

Sheet Twelve



[1] Elapsed Time

Write the elapsed time:



	Start time	End time	Elapsed time
A	4:00 a.m.	7:30 a.m.	.....
B	5:30 p.m.	9:30 p.m.	.....
C	3:15 a.m.	8:00 a.m.	.....
D	11:30 a.m.	9:30 p.m.	.....
E	5:20 p.m.	12:30 a.m.	.....
F	4:00 p.m.	6:30 p.m.	.....
G	9:30 a.m.	4:30 p.m.	.....
H	10:15 p.m.	4:15 a.m.	.....

Write the elapsed time:

	Start time	End time	Elapsed time
A	07:25	09:30	.....
B	03:15	06:45	.....
C	11:05	04:30	.....
D	01:55	08:25	.....
E			.....

[2] CONNECT

Find the **product**:

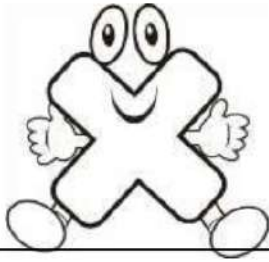
$10 \times 4 = \dots\dots$	$20 \times 5 = \dots\dots$	$3 \times 70 = \dots\dots$	$40 \times 2 = \dots\dots$
$50 \times 5 = \dots\dots$	$60 \times 4 = \dots\dots$	$70 \times 5 = \dots\dots$	$80 \times 4 = \dots\dots$
$90 \times 5 = \dots\dots$	$20 \times 8 = \dots\dots$	$30 \times 9 = \dots\dots$	$60 \times 8 = \dots\dots$
$70 \times 2 = \dots\dots$	$5 \times 50 = \dots\dots$	$40 \times 4 = \dots\dots$	$3 \times 60 = \dots\dots$
$50 \times 5 = \dots\dots$	$60 \times 9 = \dots\dots$	$50 \times 8 = \dots\dots$	$70 \times 4 = \dots\dots$
$7 \times 20 = \dots\dots$	$80 \times 6 = \dots\dots$	$10 \times 20 = \dots\dots$	$20 \times 8 = \dots\dots$

Find the **quotient**:

$18 \div 3 = \dots\dots$	$27 \div 3 = \dots\dots$	$3 \div 1 = \dots\dots$	$12 \div 3 = \dots\dots$
$24 \div 3 = \dots\dots$	$3 \div 3 = \dots\dots$	$36 \div 4 = \dots\dots$	$28 \div 4 = \dots\dots$
$12 \div 4 = \dots\dots$	$24 \div 4 = \dots\dots$	$36 \div 4 = \dots\dots$	$21 \div 3 = \dots\dots$
$20 \div 4 = \dots\dots$	$32 \div 4 = \dots\dots$	$30 \div 3 = \dots\dots$	$40 \div 4 = \dots\dots$
$18 \div 3 = \dots\dots$	$8 \div 4 = \dots\dots$	$4 \div 4 = \dots\dots$	$12 \div 3 = \dots\dots$
$9 \div 3 = \dots\dots$	$40 \div 4 = \dots\dots$	$30 \div 3 = \dots\dots$	$20 \div 4 = \dots\dots$
$8 \div 4 = \dots\dots$	$6 \div 3 = \dots\dots$	$44 \div 4 = \dots\dots$	$48 \div 4 = \dots\dots$

Name:

Mark:



MULTIPLICACIONES

$4 \times 3 = \square$

$4 \times 5 = \square$

$4 \times 4 = \square$

$4 \times 6 = \square$

$4 \times 0 = \square$

$4 \times 7 = \square$

$4 \times 2 = \square$

$4 \times 1 = \square$

$4 \times 9 = \square$

$8 \times 7 = \square$

$8 \times 3 = \square$

$8 \times 4 = \square$

$8 \times 8 = \square$

$8 \times 2 = \square$

$8 \times 1 = \square$

$8 \times 5 = \square$

$8 \times 6 = \square$

$8 \times 0 = \square$

$8 \times 2 = \square$

$4 \times 6 = \square$

$4 \times 7 = \square$

$8 \times 5 = \square$

$8 \times 3 = \square$

$8 \times 8 = \square$

$4 \times 2 = \square$

$4 \times 1 = \square$

$4 \times 9 = \square$

$8 \times 8 = \square$

$4 \times 5 = \square$

$8 \times 7 = \square$

$8 \times 4 = \square$

$8 \times 9 = \square$

$8 \times 6 = \square$

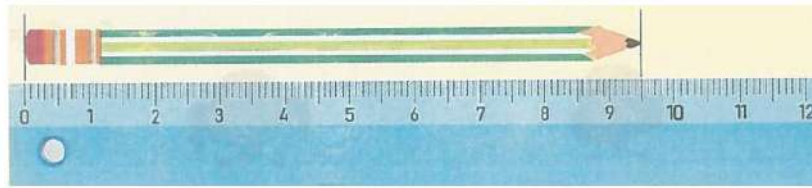
$4 \times 3 = \square$

$8 \times 1 = \square$

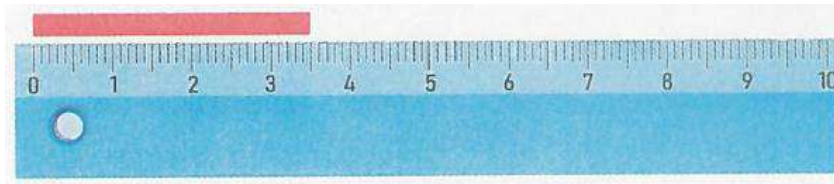
$4 \times 4 = \square$

[3] Measuring Length

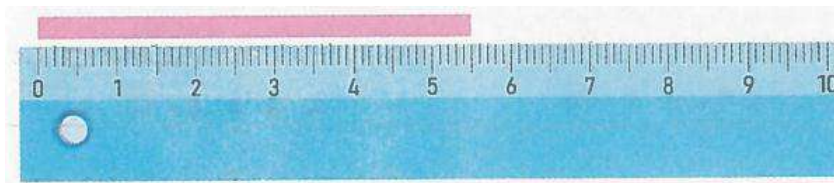
Write the **length** of each of the following:



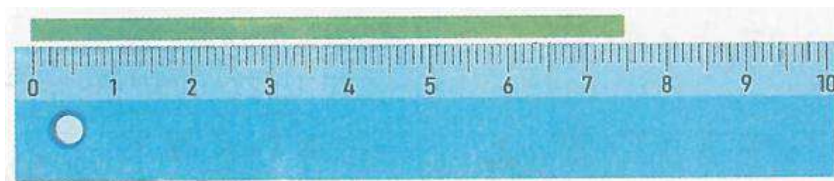
The length = cm



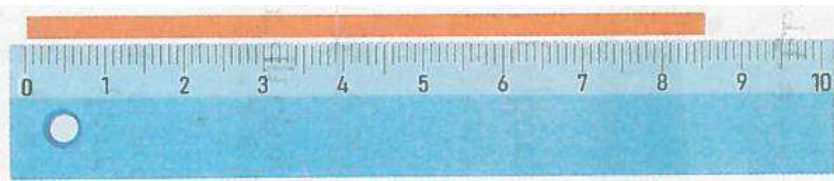
The length = cm



The length = cm



The length = cm



The length = cm

[4] Representing Data

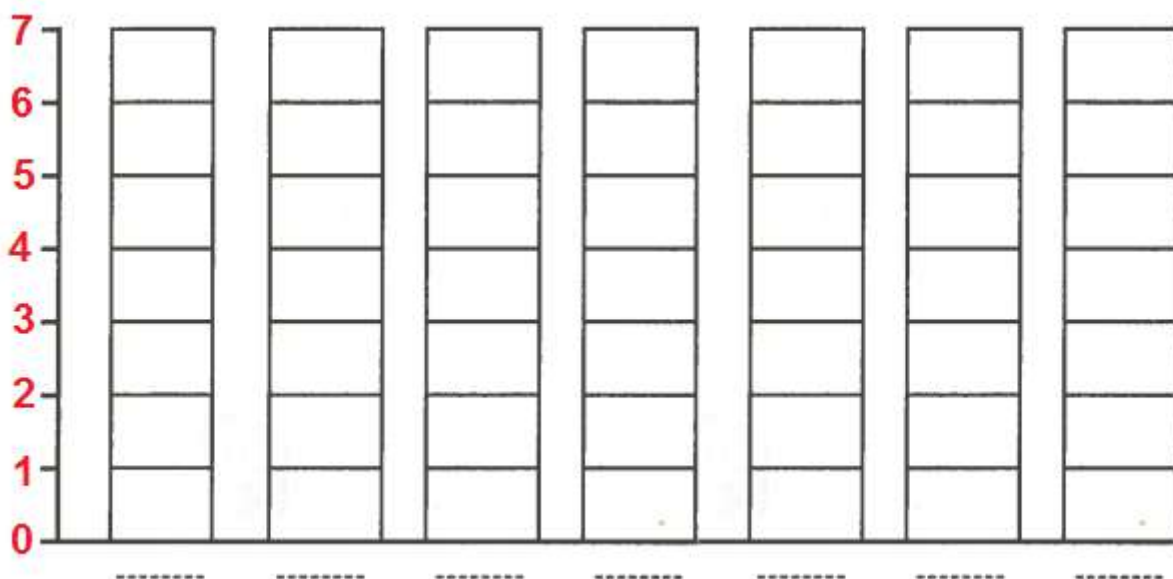
One of the primary 3 classes grew pants for science experiment. Students measured their plants and recorded the heights in the table below. Represent these data by bar chart and line plots

1	$1\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{2}$	$2\frac{1}{2}$
$1\frac{1}{2}$	2	$1\frac{1}{2}$	3	2
$3\frac{1}{2}$	$3\frac{1}{2}$	4	2	$1\frac{1}{2}$

Line plots



Bar chart



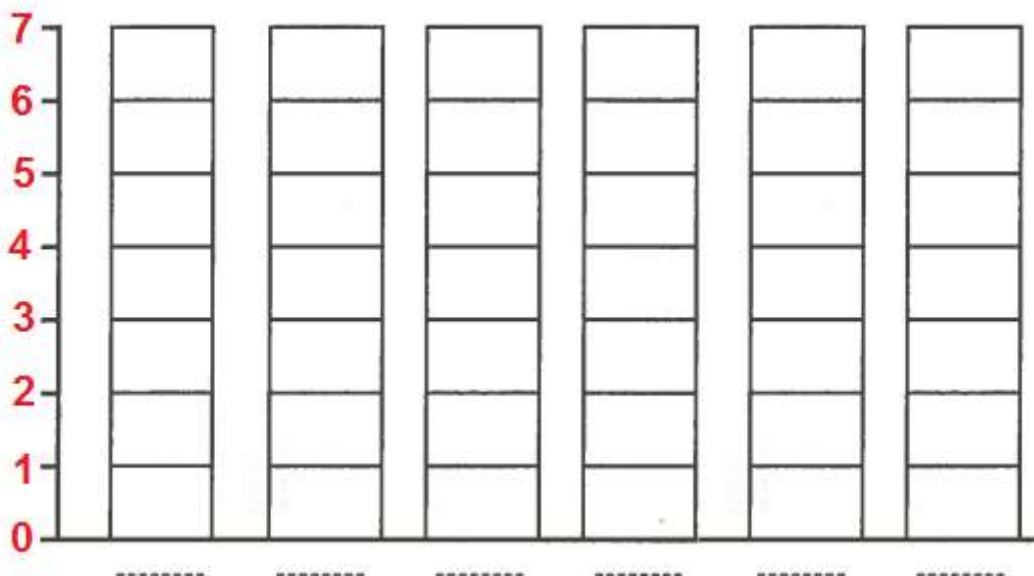
The following table shows the lengths of some insects in millimeters. Represent these data by bar chart and line plots.

5	6	$5\frac{1}{2}$	$7\frac{1}{2}$	$6\frac{1}{2}$
$6\frac{1}{2}$	$7\frac{1}{2}$	$5\frac{1}{2}$	$6\frac{1}{2}$	$6\frac{1}{2}$
7	$7\frac{1}{2}$	6	$7\frac{1}{2}$	$7\frac{1}{2}$

Line plots

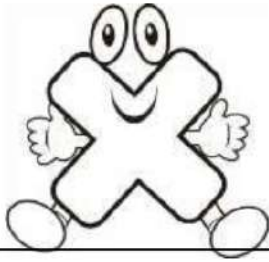


Bar chart



Name:

Mark:



MULTIPLICACIONES

$6 \times 7 = \square$

$6 \times 3 = \square$

$6 \times 4 = \square$

$6 \times 8 = \square$

$6 \times 2 = \square$

$6 \times 1 = \square$

$6 \times 5 = \square$

$6 \times 6 = \square$

$6 \times 0 = \square$

$8 \times 3 = \square$

$8 \times 5 = \square$

$8 \times 4 = \square$

$8 \times 6 = \square$

$8 \times 0 = \square$

$8 \times 7 = \square$

$8 \times 2 = \square$

$8 \times 1 = \square$

$8 \times 9 = \square$

$6 \times 2 = \square$

$8 \times 6 = \square$

$8 \times 7 = \square$

$6 \times 5 = \square$

$6 \times 3 = \square$

$6 \times 8 = \square$

$6 \times 2 = \square$

$6 \times 1 = \square$

$8 \times 9 = \square$

$8 \times 8 = \square$

$6 \times 5 = \square$

$6 \times 7 = \square$

$8 \times 4 = \square$

$8 \times 9 = \square$

$6 \times 6 = \square$

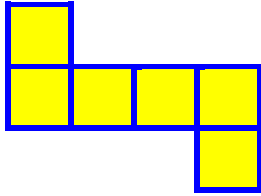
$6 \times 3 = \square$

$8 \times 1 = \square$

$8 \times 4 = \square$

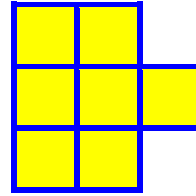
[5] Perimeter and Area

Find the **area** and the **perimeter**:



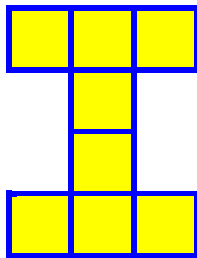
The **area** = sq. units

The **perimeter** = units



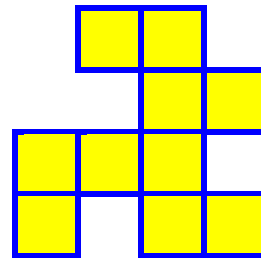
The **area** = sq. units

The **perimeter** = units



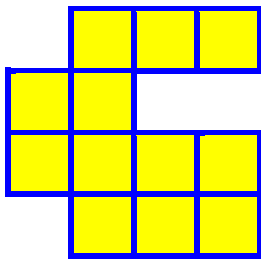
The **area** = sq. units

The **perimeter** = units



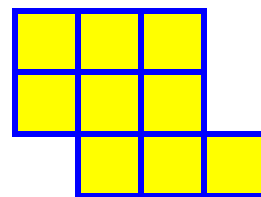
The **area** = sq. units

The **perimeter** = units



The **area** = sq. units

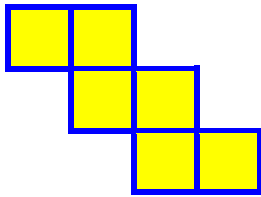
The **perimeter** = units



The **area** = sq. units

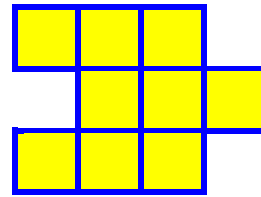
The **perimeter** = units

Find the area and the perimeter:



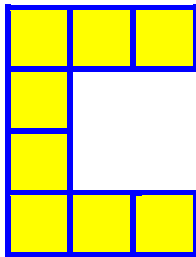
The **area** = sq. units

The **perimeter** = units



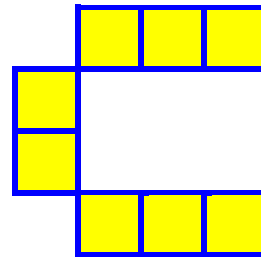
The **area** = sq. units

The **perimeter** = units



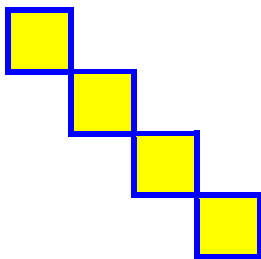
The **area** = sq. units

The **perimeter** = units



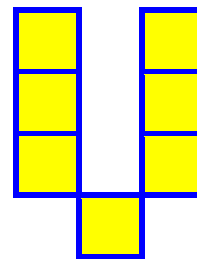
The **area** = sq. units

The **perimeter** = units



The **area** = sq. units

The **perimeter** = units



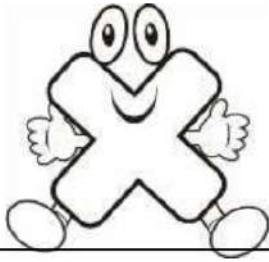
The **area** = sq. units

The **perimeter** = units

BEST WISHES

Name:

Mark:



MULTIPLICACIONES

$3 \times 3 = \square$

$3 \times 5 = \square$

$3 \times 4 = \square$

$3 \times 6 = \square$

$3 \times 0 = \square$

$3 \times 7 = \square$

$3 \times 2 = \square$

$3 \times 1 = \square$

$3 \times 9 = \square$

$8 \times 7 = \square$

$8 \times 3 = \square$

$8 \times 4 = \square$

$8 \times 8 = \square$

$8 \times 2 = \square$

$8 \times 1 = \square$

$8 \times 5 = \square$

$8 \times 6 = \square$

$8 \times 0 = \square$

$3 \times 2 = \square$

$8 \times 6 = \square$

$8 \times 7 = \square$

$3 \times 5 = \square$

$3 \times 3 = \square$

$3 \times 8 = \square$

$8 \times 2 = \square$

$8 \times 1 = \square$

$8 \times 9 = \square$

$3 \times 8 = \square$

$8 \times 5 = \square$

$3 \times 7 = \square$

$3 \times 4 = \square$

$3 \times 9 = \square$

$3 \times 6 = \square$

$8 \times 3 = \square$

$3 \times 1 = \square$

$8 \times 4 = \square$